

JAKE LOGAN'S THE HOTTEST  
BEST-SELLING WESTERN ADVENTURE  
SINCE LOUIS L'AMOUR

THE  
ORIGINAL  
ADULT  
WESTERN  
43

THE APACHES COULDN'T GET HIM,  
BUT THE MAJOR'S WIFE DID.

# JAKE LOGAN

## SLOCUM AND THE MAD MAJOR

# Slocum And The Mad Major

**David King**



## **Slocum And The Mad Major:**

Slocum and the Mad Major Jake Logan,1982 Slocum desperately struggles to defeat the insane plan of Major Murray to further his political career by setting off a war with the Apache Indians      **Slocum and the Mad Major** David King,1982

**Slocum's Deadly Game** Jake Logan,1987      Slocum's Command Jake Logan,1983      *Slocum's Justice* Jake Logan,1983      **Slocum's Stampede** Jake Logan,1985      Slocum's Pride Jake Logan,1984      **Seven Graves to Laredo** Jake Logan,1987 Slocum leaves a trail of death on a savage manhunt      *Jailbreak Moon* Jake Logan,1985 Slocum enters the west s meanest hellhole willingly front cover      *The Nevada Swindle* Jake Logan,1985      **Sixgun Law** Jake Logan,Tom Colgan,1988      **Vigilante Justice 82** Jake Logan,1985      *Slocum's Bar-S Ranch* Jake Logan,2008-12-30 More information to be announced soon on this forthcoming title from Penguin USA      **Sixguns at Silverado** Jake Logan,1987      *Gunplay at Hobbs' Hole* Jake Logan,1985 Slocum risks his life to track down and kill the men who raped and murdered his lover      **The Rawhide Breed** Jake Logan,1989 Color illustration on front cover of three superimposed images shirtless man embracing a woman wearing a strapless coral colored dress chest high frontal portrait of man in western clothingholding a rifle in his proper left hand masked cowboy standing in front of another man holding both hands in the air with a stagecoach behind them      *Rawhide Justice* Jake Logan,1986      *The Whole Story* John E. Simkin,1996 This work is the only comprehensive guide to sequels in English with over 84 000 works by 12 500 authors in 17 000 sequences      Swamp Foxes Jake Logan,1982      *Western Series and Sequels* Bernard Alger Drew,Martin Harry Greenberg,Charles Gordon Waugh,1986

Delve into the emotional tapestry woven by Emotional Journey with in **Slocum And The Mad Major** . This ebook, available for download in a PDF format ( PDF Size: \*), is more than just words on a page; itis a journey of connection and profound emotion. Immerse yourself in narratives that tug at your heartstrings. Download now to experience the pulse of each page and let your emotions run wild.

[https://archive.kdd.org/data/scholarship/Download\\_PDFS/solo\\_cuentos\\_just\\_so\\_stories.pdf](https://archive.kdd.org/data/scholarship/Download_PDFS/solo_cuentos_just_so_stories.pdf)

## **Table of Contents Slocum And The Mad Major**

1. Understanding the eBook Slocum And The Mad Major
  - The Rise of Digital Reading Slocum And The Mad Major
  - Advantages of eBooks Over Traditional Books
2. Identifying Slocum And The Mad Major
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Slocum And The Mad Major
  - User-Friendly Interface
4. Exploring eBook Recommendations from Slocum And The Mad Major
  - Personalized Recommendations
  - Slocum And The Mad Major User Reviews and Ratings
  - Slocum And The Mad Major and Bestseller Lists
5. Accessing Slocum And The Mad Major Free and Paid eBooks
  - Slocum And The Mad Major Public Domain eBooks
  - Slocum And The Mad Major eBook Subscription Services
  - Slocum And The Mad Major Budget-Friendly Options

6. Navigating Slocum And The Mad Major eBook Formats
  - ePub, PDF, MOBI, and More
  - Slocum And The Mad Major Compatibility with Devices
  - Slocum And The Mad Major Enhanced eBook Features
7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Slocum And The Mad Major
  - Highlighting and Note-Taking Slocum And The Mad Major
  - Interactive Elements Slocum And The Mad Major
8. Staying Engaged with Slocum And The Mad Major
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Slocum And The Mad Major
9. Balancing eBooks and Physical Books Slocum And The Mad Major
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Slocum And The Mad Major
10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
11. Cultivating a Reading Routine Slocum And The Mad Major
  - Setting Reading Goals Slocum And The Mad Major
  - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Slocum And The Mad Major
  - Fact-Checking eBook Content of Slocum And The Mad Major
  - Distinguishing Credible Sources
13. Promoting Lifelong Learning
  - Utilizing eBooks for Skill Development
  - Exploring Educational eBooks
14. Embracing eBook Trends
  - Integration of Multimedia Elements

- Interactive and Gamified eBooks

### **Slocum And The Mad Major Introduction**

Slocum And The Mad Major Offers over 60,000 free eBooks, including many classics that are in the public domain. Open Library: Provides access to over 1 million free eBooks, including classic literature and contemporary works. Slocum And The Mad Major Offers a vast collection of books, some of which are available for free as PDF downloads, particularly older books in the public domain. Slocum And The Mad Major : This website hosts a vast collection of scientific articles, books, and textbooks. While it operates in a legal gray area due to copyright issues, its a popular resource for finding various publications. Internet Archive for Slocum And The Mad Major : Has an extensive collection of digital content, including books, articles, videos, and more. It has a massive library of free downloadable books. Free-eBooks Slocum And The Mad Major Offers a diverse range of free eBooks across various genres. Slocum And The Mad Major Focuses mainly on educational books, textbooks, and business books. It offers free PDF downloads for educational purposes. Slocum And The Mad Major Provides a large selection of free eBooks in different genres, which are available for download in various formats, including PDF. Finding specific Slocum And The Mad Major, especially related to Slocum And The Mad Major, might be challenging as theyre often artistic creations rather than practical blueprints. However, you can explore the following steps to search for or create your own Online Searches: Look for websites, forums, or blogs dedicated to Slocum And The Mad Major, Sometimes enthusiasts share their designs or concepts in PDF format. Books and Magazines Some Slocum And The Mad Major books or magazines might include. Look for these in online stores or libraries. Remember that while Slocum And The Mad Major, sharing copyrighted material without permission is not legal. Always ensure youre either creating your own or obtaining them from legitimate sources that allow sharing and downloading. Library Check if your local library offers eBook lending services. Many libraries have digital catalogs where you can borrow Slocum And The Mad Major eBooks for free, including popular titles. Online Retailers: Websites like Amazon, Google Books, or Apple Books often sell eBooks. Sometimes, authors or publishers offer promotions or free periods for certain books. Authors Website Occasionally, authors provide excerpts or short stories for free on their websites. While this might not be the Slocum And The Mad Major full book , it can give you a taste of the authors writing style. Subscription Services Platforms like Kindle Unlimited or Scribd offer subscription-based access to a wide range of Slocum And The Mad Major eBooks, including some popular titles.

### **FAQs About Slocum And The Mad Major Books**

1. Where can I buy Slocum And The Mad Major books? Bookstores: Physical bookstores like Barnes & Noble, Waterstones, and independent local stores. Online Retailers: Amazon, Book Depository, and various online bookstores offer a wide range of books in physical and digital formats.
2. What are the different book formats available? Hardcover: Sturdy and durable, usually more expensive. Paperback: Cheaper, lighter, and more portable than hardcovers. E-books: Digital books available for e-readers like Kindle or software like Apple Books, Kindle, and Google Play Books.
3. How do I choose a Slocum And The Mad Major book to read? Genres: Consider the genre you enjoy (fiction, non-fiction, mystery, sci-fi, etc.). Recommendations: Ask friends, join book clubs, or explore online reviews and recommendations. Author: If you like a particular author, you might enjoy more of their work.
4. How do I take care of Slocum And The Mad Major books? Storage: Keep them away from direct sunlight and in a dry environment. Handling: Avoid folding pages, use bookmarks, and handle them with clean hands. Cleaning: Gently dust the covers and pages occasionally.
5. Can I borrow books without buying them? Public Libraries: Local libraries offer a wide range of books for borrowing. Book Swaps: Community book exchanges or online platforms where people exchange books.
6. How can I track my reading progress or manage my book collection? Book Tracking Apps: Goodreads, LibraryThing, and Book Catalogue are popular apps for tracking your reading progress and managing book collections. Spreadsheets: You can create your own spreadsheet to track books read, ratings, and other details.
7. What are Slocum And The Mad Major audiobooks, and where can I find them? Audiobooks: Audio recordings of books, perfect for listening while commuting or multitasking. Platforms: Audible, LibriVox, and Google Play Books offer a wide selection of audiobooks.
8. How do I support authors or the book industry? Buy Books: Purchase books from authors or independent bookstores. Reviews: Leave reviews on platforms like Goodreads or Amazon. Promotion: Share your favorite books on social media or recommend them to friends.
9. Are there book clubs or reading communities I can join? Local Clubs: Check for local book clubs in libraries or community centers. Online Communities: Platforms like Goodreads have virtual book clubs and discussion groups.
10. Can I read Slocum And The Mad Major books for free? Public Domain Books: Many classic books are available for free as they're in the public domain. Free E-books: Some websites offer free e-books legally, like Project Gutenberg or Open Library.

**Find Slocum And The Mad Major :**

**solo cuentos just so stories**

*solid state physics advances in research and applications - volume 29 1974*

solo verdura the complete guide to cooking tuscan vegetables

soil scientist c-1033 passbook series passbooks for civil service examinations

**sociology of education an introduction**

**software engineering for manufacturing systems methods and case-tools**

*sol goldbergs kids and other important people edited by john marcham*

**soils on a warmer earth**

soft tissue sarcomas in adults

~~soldiers teachers artists doctors naturalists explorers b ten early american ornithologists~~

soft revolution a student handbook

*solomon on sex*

*sociology of the global system*

**sociology of canadian education**

**soldier in world war i a**

**Slocum And The Mad Major :**

**chakras a new approach to healing your life paperback** - May 11 2023

web may 7 1998 buy chakras a new approach to healing your life by white ruth isbn 9780749918170 from amazon s book store everyday low prices and free delivery on

*9 amazing ways to balance your energy kickstart* - Mar 09 2023

web mar 24 2023 through these two approaches to chakra meditation you can achieve greater fulfillment harmony and overall well being in your life learn more a beginner s

**7 daily habits to live a longer healthier life inspired by the blue** - Apr 29 2022

web real time hybrid learning engagement in fresno california oea worked with fresno unified school district to develop a hybrid engagement package the package provides

*chakras a new approach to healing your life 2022 wrbb neu* - Mar 29 2022

web chakras a new approach to healing your life ruth white die generation als jugendreihe und ihr kampf um die denkform



leipzig von quelle meyer 1930 eduard

*using your chakras a new approach to healing your life* - Sep 03 2022

web abebooks com using your chakras a new approach to healing your life 9780760752180 by ruth white and a great selection of similar new used and

**what are chakras concept origins and effect on health** - Feb 08 2023

web a practical clearly written easy to use guide that contains a wealth of information on using the chakras to promote growth healing and balance in your life preview this book

*using your chakras a new approach to healing your life ruth* - Feb 25 2022

web the sixth chakra third eye chakra indigo found between the eyes responsible for sight and intellect the seventh chakra crown chakra violet found above one's head

*chakras a new approach to healing your life white ruth 1938* - Jun 12 2023

web chakras a new approach to healing your life by white ruth 1938 publication date 1999 topics chakras miscellanea publisher london piatkus collection inlibrary

*chakras a new approach to healing your life pilgrim book house* - May 31 2022

web not roughly speaking the costs its nearly what you habit currently this chakras a new approach to healing your life as one of the most operational sellers here will

**chakras a new approach to healing your life ely bakouche** - Aug 02 2022

web chakras a new approach to healing your life author ruth white publisher india book distributors edition repri language english binding paper back

*chakras a new approach to healing your life ruth white* - Jan 27 2022

web right here we have countless ebook chakras a new approach to healing your life and collections to check out we additionally come up with the money for variant types and

**using your chakras a new approach to healing your life** - Jul 01 2022

web sep 9 2023 his new netflix documentary live to 100 secrets of the blue zones is trending as a top streaming pick in it there's an evocative scene set against the

chakras a new approach to healing your life cyndi dale pdf - Sep 22 2021

**chakras a new approach to healing your life ellen cure** - Oct 24 2021

**using your chakras a new approach to healing your life** - Jan 07 2023

web buy using your chakras a new approach to healing your life by isbn 9780760752180 from amazon s book store everyday low prices and free delivery on

**the beginner s guide to chakra healing alignment** - Oct 04 2022

web you learn and master your practice chakras tori hartman 2019 11 05 explore the power of the seven chakras in your own life chakras an introduction to using the chakras

chakras a new approach to healing your life brenda hunt - Nov 24 2021

web currently we extend the link to buy and make bargains to download and install chakras a new approach to healing your life appropriately simple the little book of chakras

*using your chakras a new approach to healing your life* - Jul 13 2023

web may 29 2000 this practical easy to use guide contains an abundance of information on how to use the chakras to assist growth healing and balance in your life this book

**using your chakras a new approach to healing your life** - Apr 10 2023

web explores chakra knowledge and energy to improve your life and promote physical mental emotional and spiritual development each chapter addresses a different aspect of life

*chakras a new approach to healing your life* *goodreads* - Aug 14 2023

web may 1 1999 ruth white 2 67 3 ratings0 reviews ruth white s first chakra book working with your chakras has become the definitive book on the subject in this long awaited follow up ruth builds on the foundations laid in her first book and takes chakra work to

**using your chakras a new approach to healing your life** - Dec 06 2022

web apr 15 2021 energy healing is ongoing which is why unblocking and balancing different chakras when life changes happen is more like spiritual hygiene it s important to know

*a beginner s guide to chakra healing* *vogue* - Nov 05 2022

web jun 1 2000 using your chakras a new approach to healing your life white ruth 9781578631612 books amazon ca

**what is chakra healing benefits of healing the 7 chakras** - Dec 26 2021

web as this chakras a new approach to healing your life it ends taking place visceral one of the favored ebook chakras a new approach to healing your life collections that

*mon imagier à toucher les chiffres* *hardcover* nov 29 2017 - May 07 2022

web amazon fr mon imagier des chiffres sélectionnez la section dans laquelle vous souhaitez faire votre recherche

**mon imagier à toucher les chiffres** **amazon fr** - Aug 22 2023

web mais ce n est pas tout avec cet imagier tactile partez à la découverte de nouvelles sensations du bout des doigts le

lecteur va explorer et lire chaque nombre écrit en

*les chiffres cachés turbulus jeux pour enfants* - Dec 02 2021

web noté 5 retrouvez mon imagier à toucher les chiffres avec les chiffres et les mots écrits en braille et des millions de livres en stock sur amazon fr achetez neuf ou d occasion

**mon imagier à toucher les chiffres librairie eyrolles** - Nov 13 2022

web mon imagier à toucher les chiffres avec les chiffres et les mots écrits en braille par sophie bureau aux éditions circonflexe avec cet imagier tactile l enfant explore les

*mon imagier à toucher les chiffres fnac* - Jun 20 2023

web mon imagier à toucher les chiffres eveil bureau sophie amazon com tr kitap

amazon fr mon imagier des chiffres - Apr 06 2022

web mais ce n est pas tout avec cet imagier tactile partez à la découverte de nouvelles sensations du bout des doigts le lecteur va explorer et lire chaque lettre mot et dessin

*mon imagier à toucher les chiffres eveil ciltli kapak* - May 19 2023

web may 28 2019 1 thire 2 libellules 3 sapins mais ce n est pas tout avec cet imagier tactile partez la dcouverte de nouvelles sensations du bout des doigts le lecteur va

**mon imagier à toucher les chiffres avec les chiffres et les mots** - Mar 17 2023

web nov 29 2017 mon imagier à toucher les chiffres eveil bureau sophie on amazon com free shipping on qualifying offers mon imagier à toucher les chiffres

**mon imagier à toucher les chiffres sophie bureau circonflexe** - Jan 15 2023

web mon imagier à toucher les chiffres avec les chiffres et les mots écrits en braille bureau sophie sophie bureau amazon ca livres

*mon imagier à toucher les chiffres hardcover may 28 2019* - Jul 09 2022

web may 28 2019 avec cet imagier tactile l enfant explore les chiffres de 1 à 20 en suivant avec son doigt chacun d eux écrit en braille et en toutes lettres l enfant repère ainsi la

*mon imagier à toucher les chiffres avec les chiffres et les mots* - Oct 12 2022

web mon imagier à toucher les chiffres de bureau sophie sur abebooks fr isbn 10 2878335880 isbn 13 9782878335880 circonflexe 2017 couverture rigide

**mon imagier à toucher les chiffres avec les chiffres et les mots** - Jun 08 2022

web hello sign in account lists returns orders cart

mon imagier à toucher les lettres fnac - Mar 05 2022

web mon imagier à toucher les lettres avec les chiffres et les mots écrits en braille bureau sophie sophie bureau amazon fr livres

**mon imagier à toucher les chiffres avec les chiffres et les mots** - Dec 14 2022

web may 28 2019 résumé avec cet imagier tactile l enfant explore les chiffres de 1 à 20 en suivant avec son doigt chacun d eux écrit en braille et en toutes lettres l enfant repère

**mon imagier à toucher les chiffres abebooks france** - Sep 11 2022

web avec les chiffres et les mots écrits en braille 1 théière 2 libellules 3 sapins mais ce n est pas tout avec cet imagier tactile partez à la découverte de nouvelles sensations du

**amazon fr mon imagier à toucher les chiffres avec les chiffres** - Nov 01 2021

web find helpful customer reviews and review ratings for mon imagier à toucher les chiffres eveil at amazon com read honest and unbiased product reviews from our users

*mon imagier à toucher les chiffres eveil bureau sophie* - Feb 16 2023

web du bout des doigts le lecteur va explorer et lire chaque nombre écrit en toutes lettres et en chiffres imprimés en relief une première initiation à une autre forme d écriture le

**mon imagier à toucher les lettres avec les chiffres et les mots** - Jan 03 2022

web retrouver les chiffres cachés dans le dessin recherche ok accueil jeux en ligne jeux des 7 erreurs jeux récréatifs en ligne imagiers à imprimer cahiers de vacances

place des enseignants mon imagier à toucher les chiffres - Aug 10 2022

web may 28 2019 hello sign in account lists returns orders cart

**mon imagier à toucher les chiffres by sophie bureau goodreads** - Apr 18 2023

web avec cet imagier tactile l enfant explore les chiffres de 1 à 20 en suivant avec son doigt chacun d eux écrit en braille et en toutes lettres l enfant repère ainsi la forme et la

**mon imagier à toucher les chiffres fnac** - Jul 21 2023

web avec les chiffres et les mots écrits en braille mon imagier à toucher les chiffres sophie bureau sophie bureau circonflexe des milliers de livres avec la livraison chez vous en

**amazon com customer reviews mon imagier à toucher les** - Sep 30 2021

**mon imagier à toucher les lettres avec les chiffres et les mots** - Feb 04 2022

web dec 8 2017 avec cet imagier tactile partez à la découverte de nouvelles sensations du bout des doigts l enfant va explorer et lire chaque lettre mot et dessin imprimés en

**sign in apex learning** - Oct 05 2022

web welcome to apex learning use this sign in portal for student and educator accounts

apex english 9 semester 2 1 2 4 answers macbeth by - Jun 01 2022

web study with quizlet and memorize flashcards containing terms like who is angry at the three witches for predicting the future for macbeth why does macbeth claim he killed king duncan s guards what does macbeth see that supports the idea that he feels guilty about killing banquo and more

**core english iv apex learning** - Feb 09 2023

web this course is built to fulfill the 2017 english language arts and reading english iv teks length two semesters unit 1 monsters and heroes lesson 1 the monstrous cyclops lesson 2 a hero s story lesson 3 the dimensions of the monster lesson 4 wrap up monsters and heroes unit 2 sins and crimes lesson 1 chaucer lesson

*apex english 11 semester 1 answer key pdf pdffiller* - Dec 07 2022

web to fill out apex english 11 semester follow these steps 1 log in to your apex learning account using your username and password 2 select the english 11 course from the list of available courses 3 click on start or launch to begin the course 4

*apex learning english 11 sem 1 quiz by quiz study packet tpt* - Feb 26 2022

web description updated september 2023 to accompany the apexvs com apex learning english 11 semester 1 course i found that my students were struggling going back and forth between the readings and the quizzes tests so i created a packet that condenses and summarizes readings provides key terms and information that students can use as open

*apex learning answers reddit* - Sep 16 2023

web apex ap stats sem 1 hi guys i have all of ap statistics sem 1 answers all of the test quizzes and practice dm on insta here instagram com avr10734 igshid ogq5zdc2odk2za it will cost but not a lot 0 comments 1 posted by u alienchavtios 4891 4 months ago math 2 apex anyone got

**english 4 apex learning** - Mar 10 2023

web core the english 4 course asks students to closely analyze world literature and consider how we humans define and interact with the unknown the monstrous and the heroic

*english 1 apex learning* - Nov 06 2022

web english 1 core the english 1 course is an overview of exemplar selections of literature in fiction and nonfiction genres students read short stories poems a full length novel and a full length shakespeare play analyzing the use of elements of literature in developing character plot and theme

*get apex english 4 semester 1 answer key us legal forms* - Sep 04 2022

web the following tips will allow you to fill in apex english 4 semester 1 answer key quickly and easily open the template in

the full fledged online editor by clicking get form fill out the necessary boxes that are colored in yellow hit the arrow with the inscription next to jump from box to box use the e autograph tool to e sign the template

*apex learning flashcards and study sets quizlet* - May 12 2023

web learn apex learning with free interactive flashcards choose from 453 different sets of apex learning flashcards on quizlet

apex learning courses - Jan 08 2023

web apex learning courses

**english 4 semester 1 exam flashcards quizlet** - Apr 11 2023

web the arrival of the anglo saxons in the seafarer the phrase summer s sentinel is used to mean a cuckoo summer s sentinel is an example of which of the following types of structural elements typical of anglo saxon lyrics kenning these lines from the seafarer illustrate what characteristic of anglo saxon poetry the song of the swan

**apex 4 english flashcards and study sets quizlet** - Aug 15 2023

web set preview learn apex 4 english with free interactive flashcards choose from 5 000 different sets of apex 4 english flashcards on quizlet

**english 11 semester 1 apex high course hero** - Mar 30 2022

web access study documents get answers to your study questions and connect with real tutors for english 11 semester 1 at apex high ai homework help expert help

**sem 1 apex learning english 1 1 4 flashcards and study sets** - Jul 14 2023

web questions users classes filters school all number of terms all created by all users content type all study sets 11 studiers today apex english 11 sem 1 1 1 8 quiz 5 terms 1 6 12 yazlynfuture2018 preview 8 studiers in 3 days english 4 sem 1 40 terms 1 9 7 mhouse2 preview 11 studiers recently apex english 12 sem 1 terms 148 terms 4 1

**english 2 sem 2 2 4 3 test cst flashcards quizlet** - Jul 02 2022

web study with quizlet and memorize flashcards containing terms like read this passage powerful dreams feel important to the dreamer and full of meaning but many scientists are confident that dreams are random and empty still even the most unimaginative researcher must concede that a dream is a mystery within a mystery after all science has failed to

**apex english 10 semester 1 exam flashcards quizlet** - Aug 03 2022

web ex well known study with quizlet and memorize flashcards containing terms like moral theme subject and more

how to get any answer for apex learning r apexlearningschool reddit - Jun 13 2023

web 1 yr ago 419 subscribers in the apexlearningschool community apex the online school let s share answers and tricks

**apex english 11 semester 1 final exam example answers 1** - Apr 30 2022

web 3 the great gatsby is a story of the love between a man and a woman the main theme of the novel encompasses a much

larger less romantic scope though all of its action takes place over a mere few months during the summer of 1922 and is set in a circumscribed geographical area in the vicinity of long island new york the great gatsby is a highly

**apex learning english 1 answer key answers for 2023 exams** - Oct 17 2023

web learn more apex answer key for english 4 free ebooks in the my mind and uslegalforms com form library 392236 apex english 4 semester 1 answer key apex test 1 review english quiz quizizz play this game to review english what is the first course in apex about