Transcript for [brin]

```
Enter a query:
brin
Enter a precision:
0.9
Parameters:
Client key = AlzaSyCsrlFbLRYxueXNFRLPCkHd9cwdtKYiYrk
Engine key = 017054685595593044797:5wdco3mni7w
Query
         = brin
Precision = 0.9
Google Search Results:
brin
Result 1
URL: https://www.davidbrin.com/
Title: worlds of David Brin
Summary: The official website of best-selling science fiction writer and futurist DAVID BRIN.
Relevant? [Y/N]
Result 2
URL: https://en.wikipedia.org/wiki/Sergey_Brin
Title: Sergey Brin - Wikipedia
Summary: Sergey Mikhaylovich Brin is an American computer scientist and Internet
entrepreneur. Together with Larry Page, he co-founded Google. Brin was the
president ...
Relevant? [Y/N]
Υ
Result 3
URL: https://en.wiktionary.org/wiki/brin
Title: brin - Wiktionary
Summary: The imported definitions may be significantly out of date, and any more recent
senses may be completely missing. (See the entry for brin in Webster's Revised ...
```

```
Relevant? [Y/N]
Ν
Result 4
URL: https://www.forbes.com/profile/sergey-brin/
Title: Sergey Brin
Summary: Sergey Brin stepped down as president of Alphabet, parent company of Google,
in December 2019 but remains a controller shareholder and a board member.
Relevant? [Y/N]
Result 5
URL: https://brin.ai/
Title: BRiN - The World's First 24/7 Business Advisor, Entrepreneur Coach ...
Summary: Introducing BRiN - Your Personal Business Advisor. Download BRiN today & get
instant access to real-time support and hundreds of business education videos.
Relevant? [Y/N]
Ν
Result 6
URL: https://www.postgresgl.org/docs/9.5/brin-intro.html
Title: BRIN
Summary: Introduction. BRIN stands for Block Range Index. BRIN is designed for handling
very large tables in which certain columns have some natural correlation with ...
Relevant? [Y/N]
Ν
Result 7
URL: https://www.bloomberg.com/billionaires/profiles/sergey-brin/
Title: Bloomberg Billionaires Index - Sergey Brin
Summary: Bloomberg Billionaires Index. View profiles for each of the world's 500 richest
people, see the biggest movers, and compare fortunes or track returns. < # 7
Larry ...
Relevant? [Y/N]
```

```
Υ
Result 8
URL: https://www.theverge.com/2017/1/28/14428262/google-sergey-brin
Title: Google co-founder Sergey Brin joins protest against immigration ...
Summary: Jan 28, 2017 ... Sergey Brin, Google co-founder and president of Alphabet, joined
protesters at
San Francisco International Airport tonight as demonstrators ...
Relevant? [Y/N]
Result 9
URL: https://www.wsj.com/articles/SB10001424052748704266504575141064259998090
Title: Brin Drove Google to Pull Back in China - WSJ
Summary: Mar 24, 2010 ... Behind Google's decision to shutter its China-based search engine
was co-
founder Sergey Brin's change of heart about the compromises ...
Relevant? [Y/N]
Υ
Result 10
URL: https://www.biography.com/business-figure/sergey-brin
Title: Sergey Brin - Education, Google & Wife - Biography
Summary: Dec 4, 2019 ... Sergey Brin is a computer scientist who created Google with Larry
Page, the two
becoming billionaires as Google developed into the world's ...
Relevant? [Y/N]
Υ
0.6
[brin]
brin sergey google
Result 1
URL: https://en.wikipedia.org/wiki/Sergey_Brin
Title: Sergey Brin - Wikipedia
Summary: Sergey Mikhaylovich Brin is an American computer scientist and Internet
```

```
entrepreneur. Together with Larry Page, he co-founded Google. Brin was the
president ...
Relevant? [Y/N]
Result 2
URL:
https://www.theverge.com/2019/12/4/20994361/google-alphabet-larry-page-sergey-brin-sundar-
pichai-co-founders-ceo-timeline
Title: Google co-founders Larry Page and Sergey Brin: a timeline of their ...
Summary: Dec 4, 2019 ... Larry Page and Sergey Brin founded Google in 1996 on the back of
an algorithm,
turned it into one of the most valuable companies in the world ...
Relevant? [Y/N]
Υ
Result 3
URL:
https://www.npr.org/2019/12/03/784570156/google-founders-brin-page-step-down-pichai-takes-
over-as-alphabet-ceo
Title: Google Founders Sergey Brin, Larry Page Step Down; Pichai ...
Summary: Dec 3, 2019 ... Ending an era at the Internet's biggest search company, Google
co-founders
Sergey Brin and Larry Page end their leadership roles. Sundar ...
Relevant? [Y/N]
Υ
Result 4
URL: https://www.businessinsider.com/net-worth-larry-page-sergey-brin-google-2018-10
Title: Net worth of Google founders Larry Page and Sergey Brin: cars ...
Summary: Feb 4, 2020 ... Google cofounders Larry Page and Sergey Brin each lost nearly $2
billion from
their net worths after the search engine's parent company ...
Relevant? [Y/N]
Υ
```

```
Result 5
URL: https://www.biography.com/business-figure/sergey-brin
Title: Sergey Brin - Education, Google & Wife - Biography
Summary: Dec 4, 2019 ... Sergey Brin is a computer scientist who created Google with Larry
Page, the two
becoming billionaires as Google developed into the world's ...
Relevant? [Y/N]
Υ
Result 6
URL: https://www.forbes.com/profile/sergey-brin/
Title: Sergey Brin
Summary: Sergey Brin stepped down as president of Alphabet, parent company of Google,
in December 2019 but remains a controller shareholder and a board member.
Relevant? [Y/N]
Υ
Result 7
URL: https://www.blog.google/inside-google/alphabet/letter-from-larry-and-sergey/
Title: A letter from Larry and Sergey - Google Blog
Summary: Dec 3, 2019 ... A letter from Larry and Sergey ... Larry Page and Sergey Brin ...
Throughout
Google's evolution as a privately held company, we have managed ...
Relevant? [Y/N]
Result 8
URL: https://research.google/people/SergeyBrin/
Title: Sergey Brin – Google Research
Summary: Sergey Brin, a native of Moscow, received a bachelor of science degree with
honors in mathematics and computer science from the University of Maryland at ...
Relevant? [Y/N]
Result 9
```

```
URL: https://www.youtube.com/watch?v=lessjPY9gwl
Title: Sergey Brin: Why Google Glass? - YouTube
Summary: May 17, 2013 ... It's not a demo, more of a philosophical argument: Why did Sergey
Brin and his
team at Google want to build an eye-mounted camera/computer ...
Relevant? [Y/N]
Υ
Result 10
URL: https://www.vanityfair.com/style/2014/04/sergey-brin-amanda-rosenberg-affair
Title: Sergey Brin and Amanda Rosenberg: Inside the Google Co ...
Summary: Mar 12, 2014 ... The story behind Google co-founder Sergey Brin's liaison with
Google Glass
marketing manager Amanda Rosenberg—and his split from his ...
Relevant? [Y/N]
Υ
1.0
Google Search Results:
FEEDBACK SUMMARY
Query: brin sergey google
Precision: 1.0
```

Desired precision reached, done

Transcript for [per se]

```
(base) dyn-160-39-155-10:Query-Expansion-IR-System lillian$ ./project1
-----Starting Program-----
-----Compiling Java File-----
Note: IR_model.java uses unchecked or unsafe operations.
Note: Recompile with -Xlint:unchecked for details.
-----Running Program-----
Enter a query:
per se
Enter a precision:
0.9
Parameters:
Client key = AlzaSyCsrlFbLRYxueXNFRLPCkHd9cwdtKYiYrk
Engine key = 017054685595593044797:5wdco3mni7w
Query
         = per se
Precision = 0.9
Google Search Results:
per se
Result 1
URL: https://www.thomaskeller.com/perseny
Title: Per Se | Thomas Keller Restaurant Group
Summary: Per Se entrance, center, Macadamia nut dipped in chocolate, left, Mini meat filled
pastries. right. Per Se Salon. center. Fish and vegetables. right. Oysters and ...
Relevant? [Y/N]
Υ
Result 2
URL: https://en.wikipedia.org/wiki/Per_se
Title: Per se - Wikipedia
Summary: Per se may refer to: per se, a Latin phrase meaning "by itself" or "in itself". Illegal
per se, the legal usage in criminal and antitrust law; Negligence per se, legal ...
]
```

```
Relevant? [Y/N]
Ν
Result 3
URL: https://www.thomaskeller.com/new-york-new-york/per-se/todays-menus
Title: Per Se
Summary: Daily Menus Two tasting menus are offered daily: a nine-course chef's tasting
menu, as well as a nine-course vegetable tasting menu. No single ingredient is ...
Relevant? [Y/N]
Result 4
URL: https://www.merriam-webster.com/dictionary/perse
Title: Perse | Definition of Perse by Merriam-Webster
Summary: Perse definition is - of a dark grayish blue resembling indigo. How to use perse in
a sentence. Did You Know?
Relevant? [Y/N]
Result 5
URL: https://www.vocabulary.com/dictionary/per%20se
Title: per se - Dictionary Definition: Vocabulary.com
Summary: Per se is the phrase to use when you want to refer to a particular thing on its own.
It is not this Latin phrase, per se, that is important, but rather the concept it ...
Relevant? [Y/N]
Ν
Result 6
URL: https://www.nytimes.com/2016/01/13/dining/pete-wells-per-se-review.html
Title: At Thomas Keller's Per Se, Slips and Stumbles - The New York Times
Summary: Jan 12, 2016 ... Such is Per Se's mystique that I briefly wondered if the failure to
bring her a new
napkin could have been intentional. The restaurant's identity, to ...
Relevant? [Y/N]
Υ
```

```
Result 7
URL: https://m.yelp.com/biz/per-se-new-york
Title: Per Se - See 6159 Photos & 1649 Reviews - French - 10 Columbus ...
Summary: 1649 reviews of Per Se "My husband took me to Per Se for my birthday dinner
and honestly, I was a little worried it wouldn't stand up to all the hype. But man ...
Relevant? [Y/N]
Υ
Result 8
URL: https://en.wiktionary.org/wiki/per_se
Title: per se - Wiktionary
Summary: Some people say that a hangover is caused by impurities in the drink, not by the
alcohol per se. (chiefly in negative polarity environments) In a true or literal ...
Relevant? [Y/N]
Ν
Result 9
URL: https://www.dictionary.com/browse/per-se
Title: Per se | Definition of Per se at Dictionary.com
Summary: Per se definition, by, of, for, or in itself; intrinsically: This candidate is not a pacifist
per se, but he is in favor of peaceful solutions when practicable. See more.
Relevant? [Y/N]
Ν
Result 10
URL: https://dictionary.cambridge.org/dictionary/english/per-se
Title: PER SE | meaning in the Cambridge English Dictionary
Summary: 6 days ago ... There was not an explicit governance pact or peace settlement per se,
which
resulted in recurring crises of governance throughout the 1990s.
Relevant? [Y/N]
```

0.4

```
[per, se]
per se tasting menus
Result 1
URL: https://www.thomaskeller.com/new-york-new-york/per-se/todays-menus
Title: Per Se
Summary: Two tasting menus are offered daily: a nine-course chef's tasting menu, as well
as a nine-course vegetable tasting menu. No single ingredient is ever repeated ...
Relevant? [Y/N]
Υ
Result 2
URL:
https://www.townandcountrymag.com/leisure/dining/news/a3963/how-to-eat-at-americas-fancies
t-restaurants-for-less-than-50-dollars/
Title: The Secrets to Eating at America's Fanciest Restaurants for Under $50
Summary: Feb 17, 2017 ... Another option is to go to Per Se simply for dessert. The salon
serves a five-
course dessert tasting menu for $70 and à la carte options starting ...
Relevant? [Y/N]
Ν
Result 3
URL: https://www.thomaskeller.com/perseny
Title: Per Se | Thomas Keller Restaurant Group
Summary: Menus & Stories. Menus & Stories; Daily Menus · Farmers & Foragers. Wine & ...
Per Se entrance, center. Macadamia nut dipped in chocolate, left. Mini meat ...
Relevant? [Y/N]
Υ
Result 4
URL:
https://www.thewholeworldisaplayground.com/the-per-se-experience-saturday-afternoon-lunch-i
n-new-york-with-three-michelin-stars/
Title: The Per Se Experience: Saturday Afternoon Lunch in New York with ...
Summary: Jan 16, 2014 ... It's often described as one of the best restaurants in New York City
and I was
```

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expecting Per Se to blow my mind! We sampled a tasting menu ...
Relevant? [Y/N]
Υ
Result 5
URL:
https://www.tripadvisor.com/Restaurant Review-q60763-d425628-Reviews-Per Se-New York
City_New_York.html
Title: Per Se, New York City - Hell's Kitchen - Menu, Prices & Restaurant ...
Summary: Apr 5, 2015 ... Per Se, New York City: See 1826 unbiased reviews of Per Se, rated
4.5 ... nine-
course tasting menu and a nine-course vegetable tasting menu ...
Relevant? [Y/N]
Υ
Result 6
URL: https://ny.eater.com/2018/1/4/16843232/eleven-madison-park-per-se-price-hike-2018
Title: Per Se and Eleven Madison Park Both Hike Their Prices in the New ...
Summary: Jan 4, 2018 ... Thomas Keller's Per Se, in turn, has pushed up its nine-course
tasting menu by
$15 to $340, also service-included. All of the restaurant's ...
Relevant? [Y/N]
Result 7
URL: https://www.exploretock.com/perse/experience/7750/main-dining-room-tasting-menu
Title: Per Se - Main Dining Room Tasting Menu - New York, NY | Tock
Summary: Two nine-course tasting menus in our Main Dining Room are offered daily: Chef's
Tasting and the Tasting of Vegetables. Please note the price of the Tasting ...
Relevant? [Y/N]
Result 8
URL: https://ny.eater.com/2019/1/7/18167434/eleven-madison-park-per-se-price-hike
Title: Per Se and Eleven Madison Park Both Raise Prices of Tasting Menu ...
```

```
Summary: Jan 7, 2019 ... While some of the world's prestige luxury brands cut prices on their
signature
products — Apple and Tesla come to mind — eating out at New ...
Relevant? [Y/N]
Result 9
URL: https://www.newyorker.com/magazine/2017/03/06/per-ses-seven-course-kids-menu
Title: Per Se's Seven-Course Kids' Menu | The New Yorker
Summary: Mar 6, 2017 ... Like an haute cuisine Willy Wonka, Thomas Keller invites children to
eat for free
—and adults to pay two hundred and fifteen dollars to join them.
Relevant? [Y/N]
Υ
Result 10
URL: https://stories.forbestravelguide.com/what-is-the-price-range-for-a-meal-at-per-se
Title: What Is The Price Range For A Meal At Per Se? – Forbes Travel ...
Summary: Jun 17, 2017 ... Dinner at New York City's Per Se starts at $325, the cost of the
nine-course chef's
tasting menu or the vegetable tasting. (There are two tasting ...
Relevant? [Y/N]
Υ
0.9
Google Search Results:
================
FEEDBACK SUMMARY
Query: per se tasting menus
Precision: 0.9
Desired precision reached, done
```

Transcript for [jaguar]

```
(base) dyn-160-39-155-10:Query-Expansion-IR-System lillian$ ./project1
-----Starting Program-----
-----Compiling Java File-----
Note: IR model.java uses unchecked or unsafe operations.
Note: Recompile with -Xlint:unchecked for details.
-----Running Program-----
Enter a query:
jaguar
Enter a precision:
0.9
Parameters:
Client key = AlzaSyCsrlFbLRYxueXNFRLPCkHd9cwdtKYiYrk
Engine key = 017054685595593044797:5wdco3mni7w
Querv
         = jaguar
Precision = 0.9
Google Search Results:
_____
jaguar
Result 1
URL: https://www.jaguarusa.com/index.html
Title: Jaguar Sedans, SUVs and Sports Cars - Official Site | Jaguar USA
Summary: The official home of Jaguar USA. Explore our luxury sedans, SUVs and sports
cars. Build Your Own, Book a Test Drive or Find a Retailer near you.
Relevant? [Y/N]
Ν
Result 2
URL: https://www.jaguar.com/market-selector.html
Title: Market Selector | Jaguar | View the site in your preferred language
Summary: Discover the different language sites we have to make browsing our vehicle
range's easier. We have over 100 different language options available. Learn
more.
```

```
Relevant? [Y/N]
Ν
Result 3
URL: https://en.wikipedia.org/wiki/Jaguar
Title: Jaguar - Wikipedia
Summary: The jaquar (Panthera onca) is a large felid species and the only extant member
of the genus Panthera native to the Americas. The jaguar's present range ...
Relevant? [Y/N]
Result 4
URL: https://www.jaguar.com/index.html
Title: Jaguar: Luxury Saloons, Performance SUVs & Sports Cars
Summary: The official website of Jaguar. Discover our range of vehicles from the XE, XF, XJ,
F-Type, F-PACE, E-PACE & our all-electric sports car I-PACE.
Relevant? [Y/N]
Result 5
URL: https://en.wikipedia.org/wiki/Jaguar_Cars
Title: Jaguar Cars - Wikipedia
Summary: Jaguar is the luxury vehicle brand of Jaguar Land Rover, a British multinational
car manufacturer with its headquarters in Whitley, Coventry, England. Jaguar ...
Relevant? [Y/N]
Ν
Result 6
URL: https://www.jaguarcommunications.com/
Title: Jaguar Communication: Fiber Optic - Internet, TV, phone - Business ...
Summary: Nov 26, 2019 ... We provide fiber optic solutions to connect our communities in MN,
offering
residential and business network services at the speed of light.
Relevant? [Y/N]
Ν
```

```
Result 7
URL: https://www.nationalgeographic.com/animals/mammals/j/jaguar/
Title: Jaguar | National Geographic
Summary: Jaguars are the largest of South America's big cats. They once roamed from the
southern tip of that continent north to the region surrounding the U.S.-Mexico ...
Relevant? [Y/N]
Υ
Result 8
URL: https://www.instagram.com/jaguar/?hl=en
Title: Jaguar (@jaguar) • Instagram photos and videos
Summary: 11.3m Followers, 281 Following, 2950 Posts - See Instagram photos and videos
from Jaguar (@jaguar)
Relevant? [Y/N]
Ν
Result 9
URL: https://www.youtube.com/channel/UCU3MVTYYP82UKA9I WDpRGw
Title: Jaguar - YouTube
Summary: Since the first Jaguar car was produced in 1935 we have pushed the boundaries
of what is possible. We've always believed that a car is the closest thing you ...
Relevant? [Y/N]
Ν
Result 10
URL: https://www.jaguarmining.com/
Title: Jaguar Mining Inc.: Home
Summary: Jaguar is a producing gold, development, and exploration company operating in
the Iron Quadrangle, a prolific greenstone belt located in Minas Gerais, Brazil.
Relevant? [Y/N]
Ν
0.2
[jaguar]
```

```
jaguar jaguars americas
Result 1
URL: https://en.wikipedia.org/wiki/North American jaguar
Title: North American jaguar - Wikipedia
Summary: The North American jaguar is a jaguar (Panthera onca) population in North
America, from the ... Unlike jaguars in South America, jaguars in Central or North
America are fairly small. Those in the Chamela-Cuixmala Biosphere Reserve on
the ...
Relevant? [Y/N]
Result 2
URL: https://www.livescience.com/27301-jaguars.html
Title: Fun Facts About Jaguars | Live Science
Summary: Sep 22, 2017 ... Jaguars are the third-largest big cat in the world after lions and
tigers. ... Jaguar
Facts: Biggest Cat in Americas. By Alina Bradford - Live ...
Relevant? [Y/N]
Υ
Result 3
URL: https://en.wikipedia.org/wiki/Jaguar
Title: Jaguar - Wikipedia
Summary: In pre-Columbian Central and South America, the jaguar was ... stylised jaguars
or humans with jaguar characteristics.
Relevant? [Y/N]
Result 4
URL: https://www.nationalgeographic.com/animals/mammals/j/jaguar/
Title: Jaguar | National Geographic
Summary: Jaguars are the largest of South America's big cats. They once roamed from the
southern tip of that continent north to the region surrounding the U.S.-Mexico ...
Relevant? [Y/N]
Υ
```

```
Result 5
URL: https://www.jaguarusa.com/index.html
Title: Jaguar Sedans, SUVs and Sports Cars - Official Site | Jaguar USA
Summary: The official home of Jaguar USA. ... date is the earlier of the new-vehicle retail
sale or in-use date, as reported to Jaguar Land Rover North America, LLC.
Relevant? [Y/N]
Ν
Result 6
URL:
https://www.smithsonianmag.com/science-nature/return-great-american-jaguar-180960443/
Title: The Return of the Great American Jaguar | Science | Smithsonian ...
Summary: A team of American and Mexican conservationists do their best to protect the ... In
theory, jaguars and jaguar habitat enjoy legal protection in the United States ...
Relevant? [Y/N]
Υ
Result 7
URL: https://www.thedailybeast.com/trumps-wall-threatens-last-jaguars-in-the-us
Title: Trump's Wall Threatens Last Jaguars in the U.S.
Summary: Jan 17, 2017 ... Jaguars need vast amounts of land to survive and reproduce. There
are only two
males of the species left in the United States—and the closet ...
Relevant? [Y/N]
Result 8
URL: https://defenders.org/wildlife/jaguar
Title: Jaguar | Defenders of Wildlife
Summary: Feb 18, 2020 ... The jaguar is the largest cat in the Americas. ... For jaguars to make
a comeback
in the United States, the U.S. Fish and Wildlife Service must ...
Relevant? [Y/N]
Υ
```

```
Result 9
URL:
https://www.smithsonianmag.com/smart-news/only-known-jaguar-america-finally-caught-video-1
80958060/
Title: The Only Known Jaguar in America Was Finally Caught on Video ...
Summary: Feb 5, 2016 ... The Only Known Jaguar in America Was Finally Caught on Video ...
All in all,
there are only about 15,000 jaguars living in the wild today, and El ...
Relevant? [Y/N]
Υ
Result 10
URL:
http://www.unenvironment.org/news-and-stories/story/saving-jaguar-latin-americas-iconic-and-e
ndangered-species
Title: Saving the jaguar, Latin America's iconic – and endangered – species
Summary: Feb 28, 2018 ... Today's jaguars occupy half the animal's historic range. ... not been
enough to
secure the future of the jaguar, the largest feline in the Americas.
Relevant? [Y/N]
Υ
0.9
Google Search Results:
FEEDBACK SUMMARY
Query: jaguar jaguars americas
Precision: 0.9
```

Desired precision reached, done