1. I created the knowledge base by first manually choosing 10 important terms, then going through the 15 files I created sentence by sentence. If the sentence contained one of the important terms, then that sentence would be stored in a dictionary of arrays, with keys being the term and values of the array being sentences. For example, dict['Dallas'] = ['sentence1', 'sentence2', ...].

My topic was 'Dallas', and my top 10 terms were: ["city", "texas", "largest", "park", "district", "population", "station", "river", "north", "downtown"].

Example screenshots of the knowledge base dictionary:

```
Example screenshots of the knowledge base dictionary:

largest: According to the Pew Research Center, evangelical Protestantism constituted the largest form of Protestantism in the area as of 2014.

largest: The largest single evangelical Protestant group were Baptists.

largest: Ite largest spirit denomination was the Southern Baptist Convention, followed by the historically black National Baptist Convention USA.

largest: Be largest Baptist denomination was the Southern Baptist Convention, followed by the historically black National Baptist Convention USA.

largest: Cathedral Santuario de la Virgen de Guadalupe in the Arts District is home to the second-largest Catholic church membership in the United States and ove resas, consisting over 79 parishes in the Dallas Diocese.

largest: Ballas's Jewish population of 59, 000-75, 000 is the largest of any city in Texas.

largest: Dallas's Jewish population of 59, 000-75, 000 is the largest of any city in Texas.

largest: Dallas's Jewish population of 59, 000-75, 000 is the largest on and by 1900, Dallas was the largest inland cotton market in the world, becoming a leader in cotton gin machinery manufacturing.

largest Santa Dallas de Texas's Largest buildings are the fruit of this boom, but over-speculation, the savings and loan crisis and an oil bust brought the 1980 is building boom to an end for Dallas as well as its sister city Houston.

largest: In Dallas-fort Worth area has one of the largest concentrations of corporate headquarters for publicly traded companies in the United States.

largest: As of 2022, Dallas-Fort Worth area has one of the largest concentration of Fortune 500 headquarters in Texas and fourth-largest in the United States, behing the metropolitan areas of Houston (24), Chicago (35) and New York (62).

largest: In 2008, AlXI relocated their headquarters to Downtown Dallas; AlXI is the largest energy old company in the World was the ninth largest company in the united States by reven us and market cap, McKesson, the country's largest pharmaceu
    e meaner scurpture center rine lexas state fair in Fair Park The Arts District in the northern section of Downtown is home to several arts venues and is the largest contiguous arts district in the United States.

largest: Built in 1936 for the Texas Centennial Exposition world's fair, Fair Park is the world's largest collection of Art Deco exhibit buildings, art, and sculptur
es; Fair Park is also home to the State Fair of Texas, the largest state fair in the United States.

largest: The park was home to an amusement park, a large pool, waterslides, the world's largest skating rink, and three theaters, the largest being the 2,500-seat Ca
sino Theater.
    largest: As part of the ongoing Trinity River Project, the Great Trinity Forest, at 6,000 acres (24 km2), is the largest urban hardwood forest in the United States and is part of the largest urban park in the United States.
     park: With the opening of Victory Park, WFAA began hosting an annual New Year's Eve celebration in AT&T Plaza that the television station hoped would reminisce of ce
lebrations in New York's Times Square; on New Year's Eve 2011 set a new record of 32,000 people in attendance.
park: FC Dallas of Major League Soccer (MLS) play in Frisco at Toyota Stadium (formerly FC Dallas Stadium and Pizza Hut Park), a stadium that opened in 2005.
park: All home games are played at the College Park Center in Arlington.
park: The Dallas Renegades are a professional football team in the relaunched XFL that plays their home games at Globe Life Park, the former home of the Texas Ranger
     s.

park: Although outside the city limits, the Mustangs of Southern Methodist University are in the enclave of University Park.

park: Dallas maintains and operates 406 parks on 21,000 acres (85 km2) of parkland.

park: The city's parks contain 17 separate lakes, including White Rock and Bachman lakes, spanning a total of 4,400 acres (17.81 km2).

park: Dallas's flagship park is Fair Park.

park: Built in 1936 for the Texas Centennial Exposition world's fair, Fair Park is the world's largest collection of Art Deco exhibit buildings, art, and sculptures;

Fair Park is also home to the State Fair of Texas, the largest state fair in the United States.

park: Named after Klyde Warren, the young son of billionaire Kelcy Warren, Klyde Warren Park was built above Woodall Rodgers Freeway and connects Uptown and Downtown.

specifically the Arts District.
      park: Named arter Klyde Warren, the young son or billonaire kelcy warren, klyde warren Park was built above woodall Rougers Freeway and connects uptown and bowntown, specifically the Arts District.

park: Klyde Warren Park is home to countless amenities, including an amphitheater, jogging trails, a children's park, My Best Friend's Park (dog park), a putting gre
en, croquet, ping pong, chess, an outdoor library, and two restaurants: Savor and Relish.
park: Food trucks give hungry people another option of dining and are lined along the park's Downtown side.
park: Klyde Warren Park is home to a free trolley stop on Olive St., which riders can connect to Downtown, McKinney Avenue, and West Village.
park: Built in 1913, Turtle Creek Parkway park is a 23.7-acre (9.6 ha) linear park in between Turtle Creek and Turtle Creek Boulevard in the aptly named Turtle Creek
      neighborhood.
park: The park is across Turtle Creek from Kalita Humphreys Theater, designed by Frank Lloyd Wright.
park: Opened on July 4, 1906, Lake Cliff Park was called "the Southwest's Greatest Playground".
park: The park was home to an amusement park, a large pool, waterslides, the world's largest skating rink, and three theaters, the largest being the 2,500-seat Casin
     park: After the streetcar bridge that brought most of the park visitors collapsed, Lake Cliff Park was sold.
park: In 1935, Dallas purchased 36 acres (15 ha) from John Cole's estate to develop Reverchon Park.
          ark: Reverchon Park was named after botanist Julien Reverchon, who left France to live in the La Reunion colony, which was founded in the mid-1800s and was situated in present-day West Dallas.

ark: Reverchon Park was planned to be the crown jewel of the Dallas park system and was even referred to as the "Central Park" of Dallas.
```

station: After the discontinuance of the "Big D NYE" festivities a few years later, a new end-of-year event was started downtown, with a big fireworks show put on at Reunion Tower, which has since aired on KXMS and other TV stations around the state and region.

station: These schools include: Dallas has several local newspapers, nagazines, television stations and radio stations that serve the Dallas-Fort Worth metroplex, wh ich is the fifth-largest media market in the United States.

station: Are at elevision stations affiliated with the major broadcasting networks (network O&O's highlighted in bold) include KOFW 4 (Fox), KXMS 5 (NBC), WFAA 8 (ABC) (which for many years was owned by Belo alongside the Morning News), KTVT 11 (CBS), KERA 13 (PBS), KUVM 23 (UMI), KDFI 27 (MNTV), KDAF 33 (The CW), and KXTX 39 (TM D).

station: KTXA-21 is an independent station formerly affiliated with the now-defunct UPN network.

station: Over 101 radio stations operate within range of Dallas.

station: The city of Dallas operates WRR 101.1 FM, the area's main classical music station, from city offices in Fair Park.

station: The city of Dallas operates WRR 101.1 FM, the area's main classical music station, from city offices in Fair Park.

station: The city of Dallas operates WRR 101.1 FM, the area's main classical music station; from city offices in Fair Park.

station: The city of Dallas operates WRR 101.1 FM, the area's main classical music station; from city offices in Fair Park.

station: The city of Dallas operates wRR 101.1 FM, the area's main classical music station; from city offices in Fair Park.

station: The city of Dallas operates wRR 101.1 FM, the area's main classical music station from city offices in Fair Park.

station: The city of Dallas operates wRR 101.1 FM, the area's main classical music station from city offices in Fair Park.

station: The cause of the city's central geographical position and lack of nearby mountainous terrain, high-power class A medium-wave stations KRLD and WBAP can broadcast and a satia

2. Dialog 1:

Bot: Hello! I'm Dolly and I'm here to tell you all about Dallas. What's your name?

User: I'm John, and I'm visiting Dallas. What attractions do you recommend?

Bot: Of course, John. Dallas is home of the two other major malls in North Texas, the Dallas Galleria and NorthPark Center, which is the second largest mall in Texas.

User: I will check that out. I enjoy outdoor activities. How is the weather there in the summer?

Bot: It is often sunny and hot outside.

User: I like taking walks, are there any parks in the area?

Bot: Built in 1913, Turtle Creek Parkway park is a 23.7-acre (9.6 ha) linear park in between Turtle Creek and Turtle Creek Boulevard in the aptly named Turtle Creek neighborhood.

Dialog 2:

Bot: Hello! I'm Dolly, and I'm here to tell you all about Dallas. What's your name?

User: I'm John.

Bot: Hello John, what would you like to know about Dallas?

User: What is the population of Dallas?

Bot: With a 2020 census population of 1,304,379, it is the ninth-most populous city in the U.S. and the third-largest city in Texas after Houston and San Antonio. Would you like to know more?

User: Sure

Bot: Its metropolitan area encompasses one-quarter of the population of Texas, and is the largest in the Southern U.S. and Texas followed by the Greater Houston metropolitan area.