



```
19. Define open_dataset():
20.     Open the 'bangla_dataset.csv' file in read mode for reading with UTF-8
    encoding
21.     Create an empty dictionary named 'mydict'
22.     For each row in the CSV file:
23.         Use the 1st element as the key and the 2nd element as the value in
    the dictionary
24.     Return 'mydict'
25. Load the dataset by calling the open_dataset()
26. Create two tabs named 'Home' and 'Settings' using the Streamlit library
27. Inside the 'Settings' tab:
28.     Initialize a threshold slider with a range of 0 to 100 and a default value
    of 60
29.     Initialize a checkbox for allowing text-to-speech with a default value of
    True
30. Inside the 'Home' tab:
31.     Initialize a recognizer object from the Recognizer class
32.     Use a microphone as the audio source
33.     Display a prompt to the user with their question
34.     Listen to the audio and convert it to text using the Speech Recognition API
35.     Display the recognized question
36.     Display a 'Searching...' message
37.     Call the return_result(dict, query, threshold):
38.     Display the 'search_result'
39.     If the text-to-speech checkbox, 'allow_text_to_speech' is selected:
40.         Convert the 'search_result' to an audio file using the gTTS
    library
41.         Save the audio file
42.         Open the audio file
43.         Read the audio file into the byte array
44.         Display the audio file
45. End
```