Program coding:

1. Input Data

```
import speech recognition as sr
           import pyttsx3
          import datetime
         import requests
         # Initialize the text-to-speech engine
         engine = pyttsx3.init()
         engine.setProperty('rate', 150) # slower speech for elders
         def speak(text):
          engine.say(text)
            engine.runAndWait()
         # Get voice input
         def listen():
           recognizer = sr.Recognizer()
           with sr.Microphone() as source:
           print("Listening...")
           recognizer.adjust for ambient noise(source)
           audio = recognizer.listen(source)
       try:
           command = recognizer.recognize google(audio).lower()
           print("User said:", command)
             return command
     except:
            speak("Sorry, I didn't catch that.")
            return ""
      # Get time
        def tell time():
         time = datetime.datetime.now().strftime('%I:%M %p')
          speak(f"The current time is {time}")
# Get date
```

```
def tell date():
         date = datetime.datetime.now().strftime('%A, %B %d, %Y')
speak(f"Today is {date}")
     # Sample weather function (you can expand using
OpenWeatherMap API)
      def tell weather():
          speak("Today is sunny and warm.") # Static for now
     # Main assistant function
         def run assistant():
         speak("Hello! How can I help you today?")
    while True:
          command = listen()
          if "time" in command:
               tell time()
              elif "date" in command:
               tell date()
               elif "weather" in command:
              tell weather()
              elif "stop" in command or "exit" in command:
              speak("Goodbye! Take care.")
              break
           else:
                speak("Sorry, I don't understand that yet.")
         # Run the assistant
              run assistant()
```

Output:

