A9_Assignment

Name: Tanaya Bhore

Class: TE/ A Batch: A

Roll No.: 3101016

```python
import random


def chatbot():
    responses = {
        "hello": "Hello! How can I assist you today?",
        "hi": "Hi there! How can I help you?",
        "how are you": "I'm just a bot, but I'm doing great! How about you?",
        "bye": "Goodbye! Have a great day!",
        "help": "Sure! I can assist you with your queries. What do you need help with?",
        "default": "I'm sorry, I didn't understand that. Can you please rephrase?"
    }

    print("Chatbot: Hello! Type 'bye' to exit.")

    while True:
        user_input = input("You: ").lower()

        if user_input == "bye":
            print("Chatbot: " + responses["bye"])
            break

        response = responses.get(user_input, responses["default"])
        print("Chatbot:", response)

if __name__ == "__main__":
```
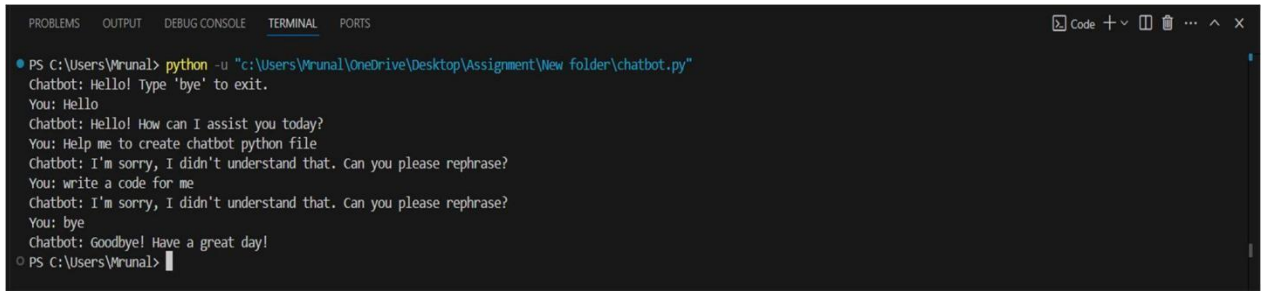
chatbot()

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS

PS C:\Users\Mrunal> python -u "c:\Users\Mrunal\OneDrive\Desktop\Assignment\New folder\chatbot.py"
Chatbot: Hello! Type 'bye' to exit.
You: Hello
Chatbot: Hello! How can I assist you today?
You: Help me to create chatbot python file
Chatbot: I'm sorry, I didn't understand that. Can you please rephrase?
You: write a code for me
Chatbot: I'm sorry, I didn't understand that. Can you please rephrase?
You: bye
Chatbot: Goodbye! Have a great day!
PS C:\Users\Mrunal>
```