

A9_Assignment

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Class: TE/ A Batch: A

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```
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"])
```

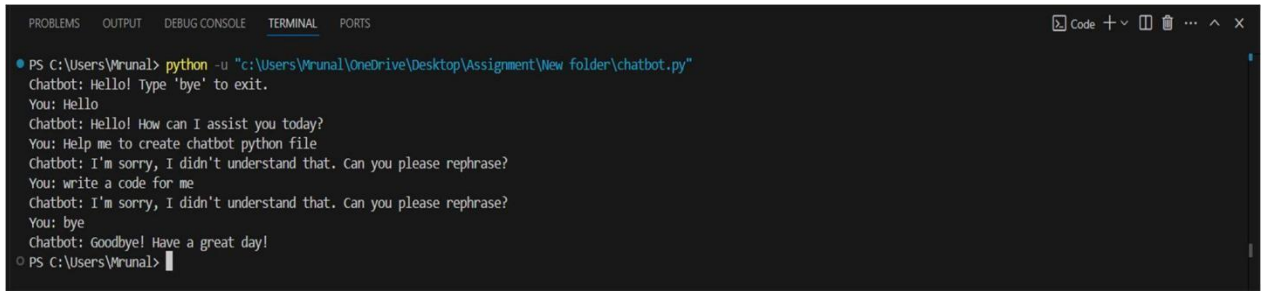
```
        break
```

```
    response = responses.get(user_input, responses["default"])
```

```
    print("Chatbot:", response)
```

```
if __name__ == "__main__":
```

chatbot()



The image shows a Windows terminal window with a dark background. The title bar at the top includes tabs for 'PROBLEMS', 'OUTPUT', 'DEBUG CONSOLE', 'TERMINAL' (which is active), and 'PORTS'. On the right side of the title bar, there are icons for 'Code', a plus sign, a minus sign, a refresh icon, a search icon, and a close icon. The terminal content shows a command prompt session where a Python script named 'chatbot.py' is executed. The script simulates a chatbot conversation. The user inputs 'Hello', 'Help me to create chatbot python file', 'write a code for me', and 'bye'. The chatbot responds with 'Hello! Type \'bye\' to exit.', 'Hello! How can I assist you today?', 'I\'m sorry, I didn\'t understand that. Can you please rephrase?' (twice), and 'Goodbye! Have a great day!'. The prompt 'PS C:\Users\Virunal>' is visible at the bottom of the terminal.

```
PS C:\Users\Virunal> python -u "c:\Users\Virunal\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\Virunal>
```