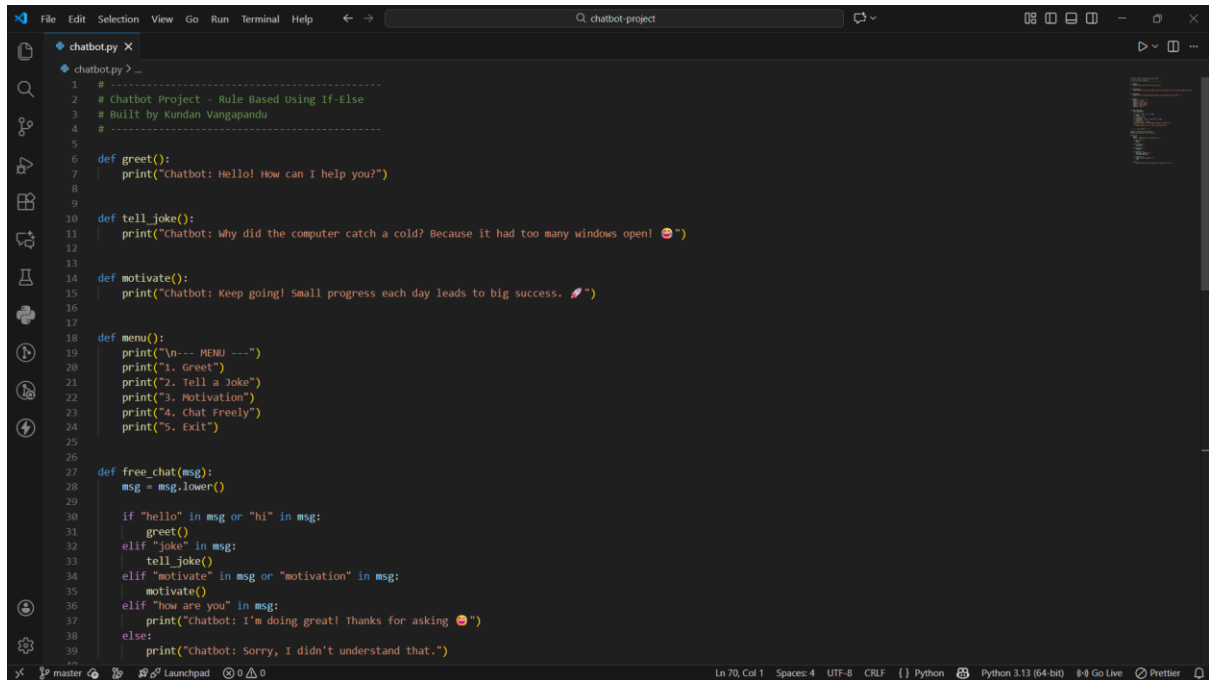
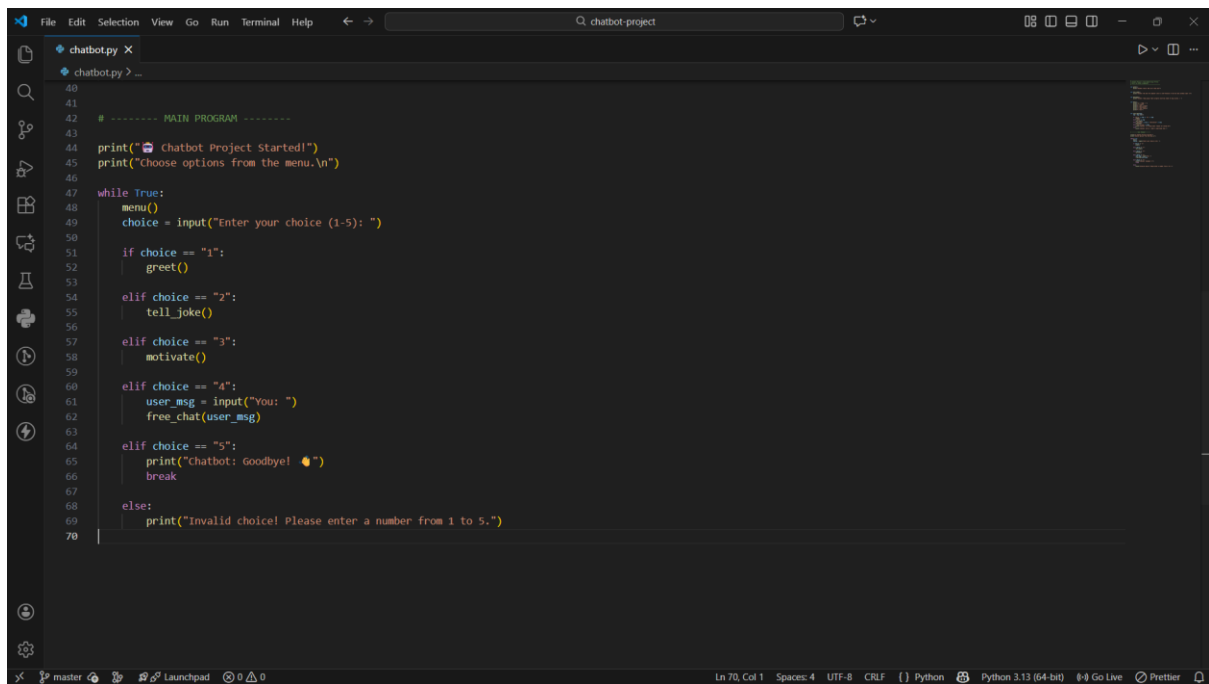


SCREENSHOTS



This screenshot shows the first part of a Python script named `chatbot.py` in a VS Code editor. The script includes a header with a project description and several functions: `greet()`, `tell_joke()`, `motivate()`, `menu()`, and `free_chat(msg)`. The `free_chat` function uses a series of `if` and `elif` statements to handle different user inputs.

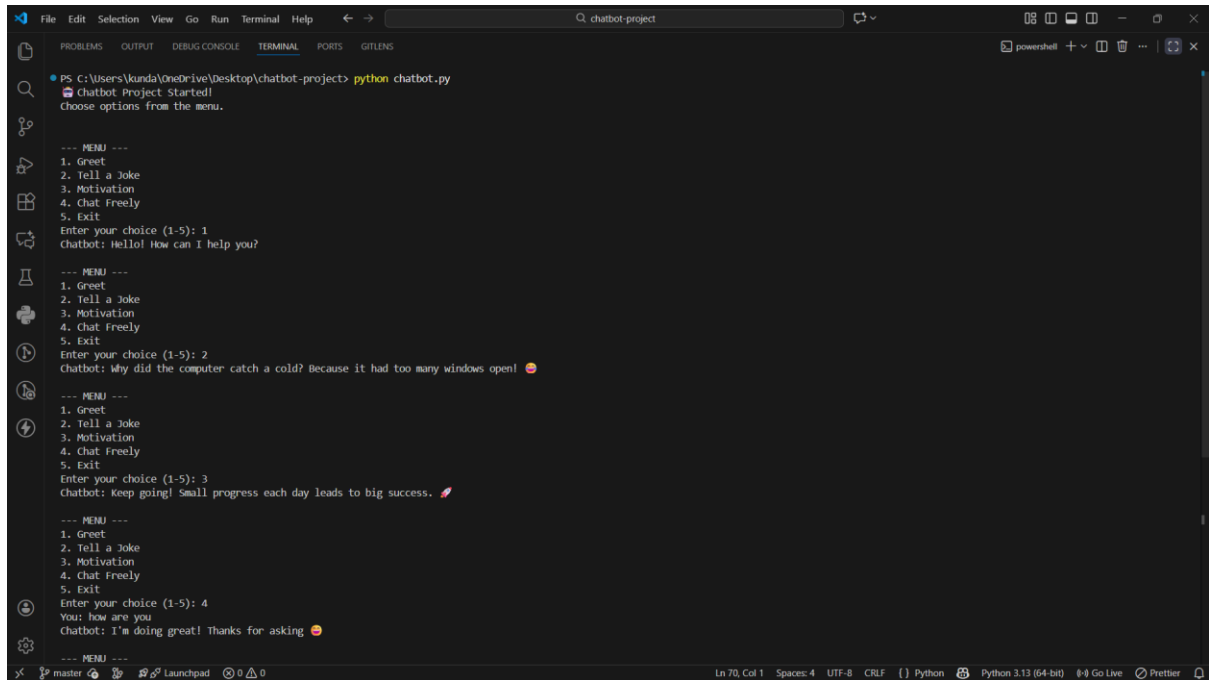
```
1 # -----
2 # Chatbot Project - Rule Based Using If-Else
3 # Built by Kundan Vangapandu
4 # -----
5
6 def greet():
7     print("chatbot: Hello! How can I help you?")
8
9
10 def tell_joke():
11     print("Chatbot: Why did the computer catch a cold? Because it had too many windows open! 🤖")
12
13
14 def motivate():
15     print("Chatbot: Keep going! Small progress each day leads to big success. 💪")
16
17
18 def menu():
19     print("\n--- MENU ---")
20     print("1. Greet")
21     print("2. Tell a Joke")
22     print("3. Motivation")
23     print("4. Chat Freely")
24     print("5. Exit")
25
26
27 def free_chat(msg):
28     msg = msg.lower()
29
30     if "hello" in msg or "hi" in msg:
31         greet()
32     elif "joke" in msg:
33         tell_joke()
34     elif "motivate" in msg or "motivation" in msg:
35         motivate()
36     elif "how are you" in msg:
37         print("Chatbot: I'm doing great! Thanks for asking 😊")
38     else:
39         print("Chatbot: Sorry, I didn't understand that.")
```



This screenshot shows the main program loop of the Python script. It starts with a `while True:` loop that calls the `menu()` function and prompts the user for a choice. Based on the choice, it calls the appropriate function (`greet()`, `tell_joke()`, `motivate()`, `free_chat()`, or prints a goodbye message). If the choice is invalid, it prompts the user to enter a number from 1 to 5.

```
40
41
42 # ----- MAIN PROGRAM -----
43
44 print("🤖 Chatbot Project Started!")
45 print("Choose options from the menu.\n")
46
47 while True:
48     menu()
49     choice = input("Enter your choice (1-5): ")
50
51     if choice == "1":
52         greet()
53
54     elif choice == "2":
55         tell_joke()
56
57     elif choice == "3":
58         motivate()
59
60     elif choice == "4":
61         user_msg = input("You: ")
62         free_chat(user_msg)
63
64     elif choice == "5":
65         print("Chatbot: Goodbye! 🌟")
66         break
67
68     else:
69         print("Invalid choice! Please enter a number from 1 to 5.")
70
```

TERMINAL



```
File Edit Selection View Go Run Terminal Help
chatbot-project
powerShell + -

PS C:\Users\kunda\OneDrive\Desktop\chatbot-project> python chatbot.py
Chatbot Project Started!
Choose options from the menu.

--- MENU ---
1. Greet
2. Tell a Joke
3. Motivation
4. Chat Freely
5. Exit
Enter your choice (1-5): 1
Chatbot: Hello! How can I help you?

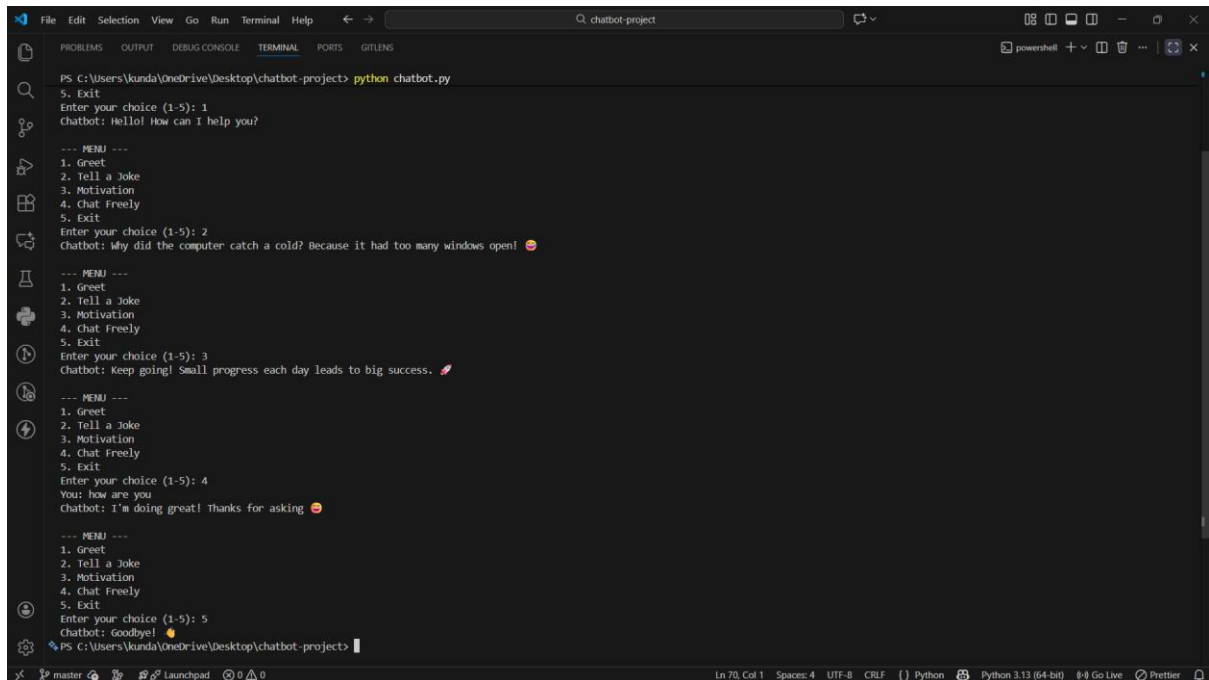
--- MENU ---
1. Greet
2. Tell a Joke
3. Motivation
4. Chat Freely
5. Exit
Enter your choice (1-5): 2
Chatbot: Why did the computer catch a cold? Because it had too many windows open! 🤖

--- MENU ---
1. Greet
2. Tell a Joke
3. Motivation
4. Chat Freely
5. Exit
Enter your choice (1-5): 3
Chatbot: Keep going! Small progress each day leads to big success. 🚀

--- MENU ---
1. Greet
2. Tell a Joke
3. Motivation
4. Chat Freely
5. Exit
Enter your choice (1-5): 4
You: how are you
Chatbot: I'm doing great! Thanks for asking 😊

--- MENU ---
1. Greet
2. Tell a Joke
3. Motivation
4. Chat Freely
5. Exit
Enter your choice (1-5): 5
Chatbot: Goodbye! 🌟

PS C:\Users\kunda\OneDrive\Desktop\chatbot-project>
```



```
File Edit Selection View Go Run Terminal Help
chatbot-project
powerShell + -

PS C:\Users\kunda\OneDrive\Desktop\chatbot-project> python chatbot.py
5. Exit
Enter your choice (1-5): 1
Chatbot: Hello! How can I help you?

--- MENU ---
1. Greet
2. Tell a Joke
3. Motivation
4. Chat Freely
5. Exit
Enter your choice (1-5): 2
Chatbot: Why did the computer catch a cold? Because it had too many windows open! 🤖

--- MENU ---
1. Greet
2. Tell a Joke
3. Motivation
4. Chat Freely
5. Exit
Enter your choice (1-5): 3
Chatbot: Keep going! Small progress each day leads to big success. 🚀

--- MENU ---
1. Greet
2. Tell a Joke
3. Motivation
4. Chat Freely
5. Exit
Enter your choice (1-5): 4
You: how are you
Chatbot: I'm doing great! Thanks for asking 😊

--- MENU ---
1. Greet
2. Tell a Joke
3. Motivation
4. Chat Freely
5. Exit
Enter your choice (1-5): 5
Chatbot: Goodbye! 🌟

PS C:\Users\kunda\OneDrive\Desktop\chatbot-project>
```