

## chatbot.py

```
1 # Simple Chatbot in Python
2
3 def chatbot():
4     print("Hello! I am a simple chatbot. Type 'bye' to exit.")
5
6     while True:
7         user_input = input("You: ").strip().lower()
8
9         if user_input == "bye":
10             print("Chatbot: Goodbye! Have a nice day!")
11             break
12         elif "hello" in user_input or "hi" in user_input:
13             print("Chatbot: Hello there! How can I assist you today?")
14         elif "how are you" in user_input:
15             print("Chatbot: I'm just a program, but I'm functioning as expected! How about
you?")
16         elif "your name" in user_input:
17             print("Chatbot: I'm a simple Python chatbot. What's your name?")
18         else:
19             print("Chatbot: I'm sorry, I don't understand that.")
20
21 # Run the chatbot
22 if __name__ == "__main__":
23     chatbot()
```