

## # Simple Rule-Based Chatbot

```
def chatbot():

    print("🤖 ChatBot: Hello! I am a simple chatbot. Type 'bye' to exit.")

    while True:

        user_input = input("You: ").lower() # convert to lowercase for easy matching

        if "hello" in user_input or "hi" in user_input:

            print("🤖 ChatBot: Hi there! How can I help you today?")

        elif "how are you" in user_input:

            print("🤖 ChatBot: I'm just a bot, but I'm doing great! 😊 ")

        elif "name" in user_input:

            print("🤖 ChatBot: My name is RuleBot.")

        elif "bye" in user_input:

            print("🤖 ChatBot: Goodbye! Have a nice day!")

            break

        elif "weather" in user_input:

            print("🤖 ChatBot: I can't check live weather, but I hope it's nice outside!")

        elif "time" in user_input:

            from datetime import datetime

            print("🤖 ChatBot: The current time is:", datetime.now().strftime("%H:%M:%S"))

        else:

            print("🤖 ChatBot: Sorry, I don't understand that. Can you rephrase?")

# Run the chatbot

chatbot()
```