

```
def chatbot():  
    print("Chatbot: Hello! (Type 'bye' anytime to end  
the chat)")  
    while True:  
        user_message = input("You: ").lower()  
        if user_message == "hello":  
            print("Chatbot: Hi!")  
        elif user_message == "how are you":  
            print("Chatbot: I'm fine, thanks!")  
        elif user_message == "bye":  
            print("Chatbot: Goodbye!")  
            break  
        else:  
            print("Chatbot: Sorry, I don't understand  
that.")  
chatbot()
```

BASIC CHATBOT PROJECT