⌄ **Simple Chatbot with Python**

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This project involves creating a basic rule-based chatbot using Python.

```python
# Define a function to respond to user input
def chatbot_response(user_input):
    user_input = user_input.lower()
    if 'hello' in user_input:
        return 'Hello! How can I help you today?'
    elif 'how are you' in user_input:
        return 'I am a bot, but I am doing well! How can I assist you?'
    elif 'bye' in user_input:
        return 'Goodbye! Have a great day!'
    else:
        return 'Sorry, I do not understand that.'
```

```python
# Chatbot interaction
print("Chatbot: Hi! Type 'bye' to end the conversation.")
while True:
    user_input = input('You: ')
    response = chatbot_response(user_input)
    print(f'Chatbot: {response}')
    if 'bye' in user_input.lower():
        break
```

```
Chatbot: Hi! Type 'bye' to end the conversation.
You: Hi , how are you ?
Chatbot: I am a bot, but I am doing well! How can I assist you?
You: bye
Chatbot: Goodbye! Have a great day!
```