data={

"hi":"Hi there! I'm a friendly chatbot here to assist you?",

"hello":"Hello! How can I help you today?",

"what is your name":"I'm just a chatbot,so I don't have a name, but you can call me ChatBot.",

"where are you from":"I'm from the digital world,always ready to chat!",

"how are you":"I'm just a chatbot,but I'm here to assist you.",

"do you have any hobbies or interests?":"I'm always busy helping users, so my hobby is chatting with people like you!",

"what did you eat today?":"I don't eat,but I can help you find delicious recipes and food-related information.",

"what's your favorite color?":"I'm a chatbot,so I don't have personal preferences for colors.",

"do you enjoy listening to music?":"I can't listen to music,but I'm here to chat about it!",

"bye":"Bye! Take care and have a great day!",

}

def get\_response(user\_input):

for pattern,response in data.items():

if pattern in user\_input:

return response

return "I'm sorry,I didn't understand that.Can you please rephrase your sentence?"

print("Chatbot: Hi! I'm a simple chatbot,I'm here to assist you!")

while True:

user\_input=input("Me: ")

if user\_input=='bye':

print("Chatbot: Goodbye! Have a great day!")

break

response=get\_response(user\_input)

print("Chatbot:",response)