# Define a dictionary of symptoms and corresponding illnesses illnesses = {

"fever": "You may have a viral or bacterial infection.",

"cough": "You might be suffering from a respiratory infection or allergies.",

"headache": "There are various causes for a headache, such as stress, tension, or migraines.", # Add more symptoms and illnesses as needed

}

# Function to process user input and provide an appropriate response def process\_input(symptoms): response = "" for symptom in symptoms: if symptom in illnesses:

response += f"{symptom}: {illnesses[symptom]}\n" else:

response += f"{symptom}: Unknown illness\n" return response

# Main program loop while True:

user\_input = input("Please enter your symptoms (separated by commas): ") user\_symptoms = [symptom.strip().lower() for symptom in user\_input.split(",")] bot\_response = process\_input(user\_symptoms) print(bot\_response)