def get\_patient\_name():

surname = input("Enter the patient's surname: ")

given\_name = input("Enter the patient's given name: ")

return f"{given\_name} {surname}"

def list\_symptoms():

diseases = {

"Flu": "Fever, cough, sore throat, body aches, fatigue.",

"Diabetes": "Increased thirst, frequent urination, extreme fatigue.",

"Asthma": "Shortness of breath, chest tightness, wheezing.",

"Heart Attack": "Chest pain, shortness of breath, nausea.",

"Allergic Reaction": "Itching, hives, swelling, difficulty breathing."

}

return diseases

def select\_disease(diseases):

print("\nSelect a disease from the following list:")

for idx, disease in enumerate(diseases.keys(), start=1):

print(f"{idx}. {disease}")

choice = int(input("Enter the number of the disease: "))

selected\_disease = list(diseases.keys())[choice - 1]

return selected\_disease

def first\_aid(disease):

first\_aid\_guide = {

"Flu": "Rest, stay hydrated, and take over-the-counter medications as needed.",

"Diabetes": "Monitor blood sugar levels and administer insulin if necessary.",

"Asthma": "Use an inhaler and seek fresh air.",

"Heart Attack": "Call emergency services immediately; keep the person calm.",

"Allergic Reaction": "Administer antihistamines and call for help if severe."

}

return first\_aid\_guide[disease]

def nearby\_hospitals():

return [

"City Hospital - 123 Main St.",

"General Hospital - 456 Elm St.",

"Community Clinic - 789 Oak St.",

"Health Center - 321 Pine St.",

"Urgent Care - 654 Maple St."

]

def main():

patient\_name = get\_patient\_name()

print(f"\nPatient Name: {patient\_name}")

diseases = list\_symptoms()

selected\_disease = select\_disease(diseases)

print(f"\nSelected Disease: {selected\_disease}")

print(f"Symptoms: {diseases[selected\_disease]}")

first\_aid\_info = first\_aid(selected\_disease)

print(f"First Aid: {first\_aid\_info}")

print("\nNearby Hospitals:")

for hospital in nearby\_hospitals():

print(hospital)

if \_\_name\_\_ == "\_\_main\_\_":

main()