

Def diagnose(symptoms):

Symptoms = [s.lower() for s in symptoms]

If “fever” in symptoms and “cough” in symptoms and “fatigue” in symptoms:

Return “possible condition: Flu\nRecommended Treatment: Rest, stay hydrated, and paracetamol.”

Elif”headache” in symptoms and”sensitivity to light” in symptoms:

Return “possible condition: migraine\nrecommended treatment: rest in a dark room,avoid triggers,and consider ibuprofen.”

Elif”sore throat” in symptoms and”runny nose” in symptoms:

Return “possible condition: common cold\nrecommended treatment:warm fluids,lozenges,rest.”

Elif “chest pain” in symptoms and “shortness of breath” in symptoms:

Return “possible condition:heart problem\nrecommended action: seek emergency medical attention.”

Else:

Return “condition unknown\nplease consult a healthcare provider for a detailed diagnosis.”

Def main():

Print(“welcome to the health diagnostician!”)

User_input = input(“Enter your symptoms separated by commas(e.g., fever, cough):”)

Symptoms = user_input.split(',')

Diagnosis = diagnose(symptoms)

Print(“\n” + diagnosis)

If __name__ == “__main__”:

Main()

