A.I

LAB TASK 6

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QUESTION :

Write a program to implement an expert system that takes input from patient and let them know that from which disease they are suffering based on some rules (with user input as discuss in lab).

**CODE:**

temp=int(input("Enter temperature"))

if temp>=101:

cough=input("Do you have cough?")

if cough=="yes" or cough=="no":

sweat=input("Do u have sweating?")

if sweat=="yes" or sweat=="no":

weak=input("Do u have weakness?")

if weak=="yes":

print("You have fever :(")

elif weak == "no":

print("You have no symptoms, but always take care of yourself :)")

elif temp<101:

headache=input("Do you have headache?")

if headache=="yes" or headache=="no":

dry=input("Do u have dry cough?")

if dry=="yes" or dry=="no":

throat=input("Do you have sore throat?")

if throat=="yes"or throat=="no":

nose=input("Do u have runny nose?")

if nose=="yes":

print("You have flu :(")

elif nose=="no":

print("You have no symptoms, but always take care of yourself :)")

OUTPUT:



