**Submitted by**

Sushma

ECE

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Ponjesly College Of Engineering

**CODE:**

import random

for i in range(0,15):

temp=random.randint(22,100)

hum=random.randint(60,100)

if temp > 80 and hum < 90 :

print("HIGH TEMPERATURE ",temp)

elif hum > 90 and temp > 80 :

print("HAZARD DETECTED WITH TEMPERATURE : %i AND HUMIDITY : %i" %(temp,hum))

elif hum >90 and temp <80 :

print("HIGH HUMIDITY : ",hum)

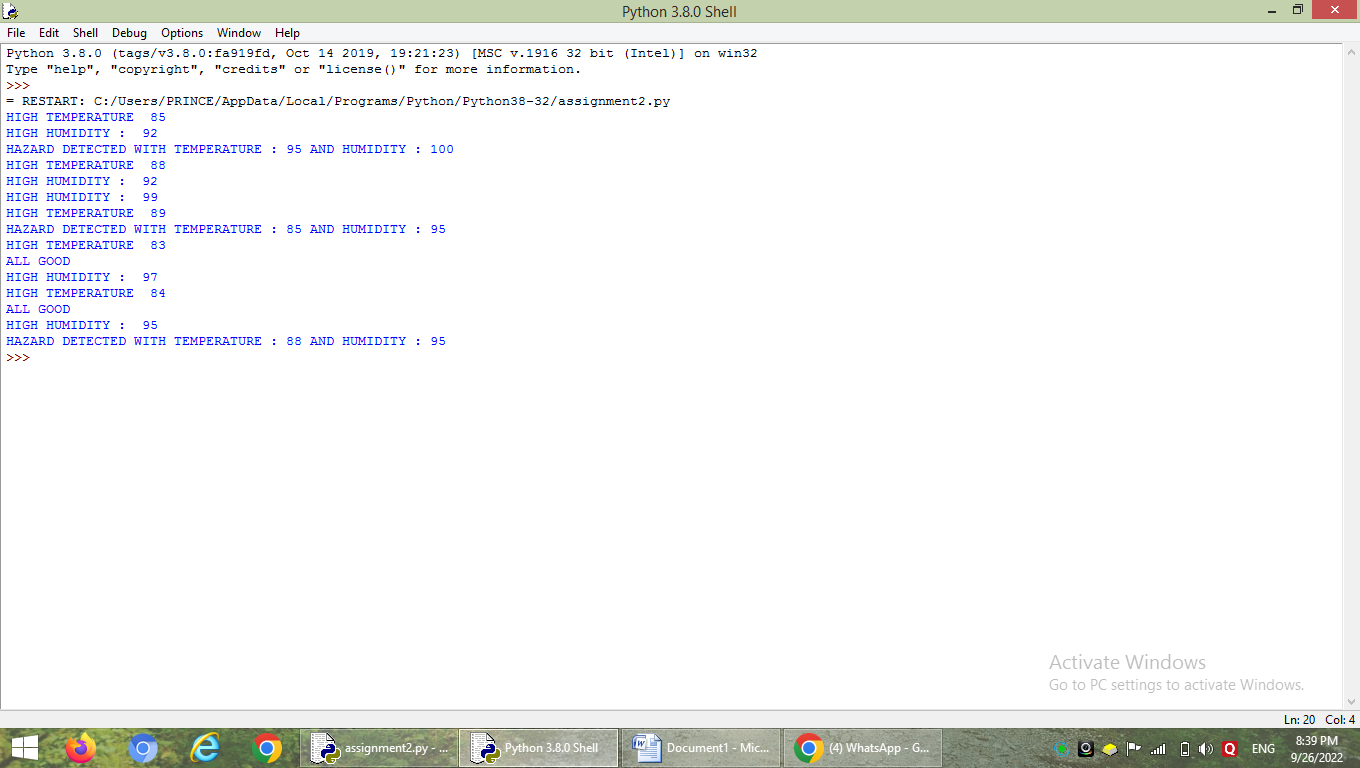
else:

print("ALL GOOD")

**Explanation :**

**Random function is used to generate the integer value of temperature and humidity within the given limit. A threshold value is set for humidity and temperature. If the value of temperature and humidity is high, then “HAZARD DETECTED” is printed with the value of temperature and humidity. Else “ALL GOOD” is printed. This process is detected with 15 different values of temperature and humidity using “for” loop.**

**Output:**

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