**Innovation, Employability Professional Readiness for**

**and Entrepreneurship**

ASSIGNMENT – 2

PYTHON PROGRAM FOR TEMPERATURE AND HUMIDITY

SUBMITTED BY

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PYTHON PROGRAM : -

a=int(input("Enter temperature value: "))

b=int(input("Enter humidity value: "))

def hightemp(x,y):

if (x>=100):

print("TEMPERATURE DETECTED IS HIGH: ",x)

if (y>=90):

print("HUMIDITY DETECTED IS HIGH: ",y)

print("ENVIRONMENT IS IN GOOD CONDITION")

print("BUZZER OFF")

else:

print("HUMIDITY DETECTED IS LOW: ",y)

print("HAZZARD DETECTED")

print("BUZZER ON")

else:

print("TEMPERATURE DETECTED IS LOW: ",x)

print("PLESENT ENVIRONMENT CONDITION")

hightemp(a,b)

OUTPUT:-

Assume temperature to be ‘a’ and humidity to be ‘b’

1. For a=100 & b=90

Enter temperature value: 100

Enter humidity value: 90

TEMPERATURE DETECTED IS HIGH: 100

HUMIDITY DETECTED IS HIGH: 90

ENVIRONMENT IS IN GOOD CONDITION

BUZZER OFF

(2)For a=70 & b=95

Enter temperature value: 70

Enter humidity value: 95

TEMPERATURE DETECTED IS LOW: 70

PLESENT ENVIRONMENT CONDITION

(3)For a=110 & b=89

Enter temperature value: 110

Enter humidity value: 89

TEMPERATURE DETECTED IS HIGH: 110

HUMIDITY DETECTED IS LOW: 89

HAZZARD DETECTED

BUZZER ON

(4)For a=110 & b=100

Enter temperature value: 110

Enter humidity value: 100

TEMPERATURE DETECTED IS HIGH: 110

HUMIDITY DETECTED IS HIGH: 100

ENVIRONMENT IS IN GOOD CONDITION

BUZZER OFF

SNAPS OF THE PROGRAM:



