**Innovation, Employability Professional Readiness for**

**and Entrepreneurship**

**ASSIGNMENT – 2**

**PYTHON PROGRAM FOR TEMPERATURE AND HUMIDITY**

**SUBMITTED BY**

ISRAVEL KEWIN CLINT P

REG NO: 961819104037

BATCH : B6-6M2E

**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