INNOVATION, EMPLOYABILITY PROFESSIONAL READINESS FOR AND ENTREPRENEURSHIP

ASSIGNMENT-2

# PYTHON PROGRAM FOR TEMPERATURE AND HUMIDITY

SUBMITTED BY

GLADIS BENO.S

REG NO: 961819106023

BATCH: B12-6A2E

PYTHON PROGRAM

**t=int (input ("enter the temperature:"))**

**h=int (input ("enter the humidity:"))**

**def environment(x,y):**

**if(x>=40) &(y>=30):**

**print ("temperature and humidity is high")**

**print ("temperature=",x , "humidity=",y )**

**elif(x>=40):**

**print ("temperature is high")**

**print ("temperature=",x)**

**elif(y>=30):**

**print ("humidity is high")**

**print ("humidity=",y)**

**elif(x<=10) &(y<=10):**

**print ("temperature and humidity is low")**

**print ("temperature=",x , "humidity=",y )**

**elif(x<=10):**

**print ("temperature is low")**

**print ("temperature=",x)**

**elif(y<=15):**

**print ("humidity is low")**

**print ("humidity=",y)**

**else:**

**print ("good environment condition")**

**print("temperature=",x)**

**print ("humidity=",y)**

**environment (t, h)**

**OUTPUT**

**Here I assumed the normal temperature range between 9 to 39**

**And normal humidity range between 9 to 29**

1) enter the temperature:50

enter the humidity:40

temperature and humidity is high

temperature= 50 humidity= 40

2) enter the temperature:30

enter the humidity:40

humidity is high

humidity= 40

3) enter the temperature:50

enter the humidity:20

temperature is high

temperature= 50

4)enter the temperature:4

enter the humidity:5

temperature and humidity is low

temperature= 4 humidity= 5

5) enter the temperature:4

enter the humidity:10

temperature is low

temperature= 4

6) enter the temperature:10

enter the humidity:4

humidity is low

humidity= 4

**SNAPS OF PROGRAM AND OUTPUT**



