INNOVATION, EMPLOYABILITY PROFESSIONAL READINESS FOR AND ENTREPRENEURSHIP

# ASSIGNMENT – 2

# PYTHON PROGRAM FOR TEMPERATURE AND HUMIDITY

SUBMITTED BY

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PYTHON PROGRAM

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

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

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

**if(x>=50)&(y>=40):**

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

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

**elif(x>=50):**

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

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

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

**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 49**

**And normal humidity range between 9 to 39**

1) enter the temperature:60

enter the humidity:50

temperature and humidity is high

temperature= 60 humidity= 50

2) enter the temperature:40

enter the humidity:50

humidity is high

humidity= 50

3) enter the temperature:60

enter the humidity:30

temperature is high

temperature= 60

4)enter the temperature:5

enter the humidity:6

temperature and humidity is low

temperature= 5 humidity= 6

5) enter the temperature:5

enter the humidity:20

temperature is low

temperature= 5

6) enter the temperature:20

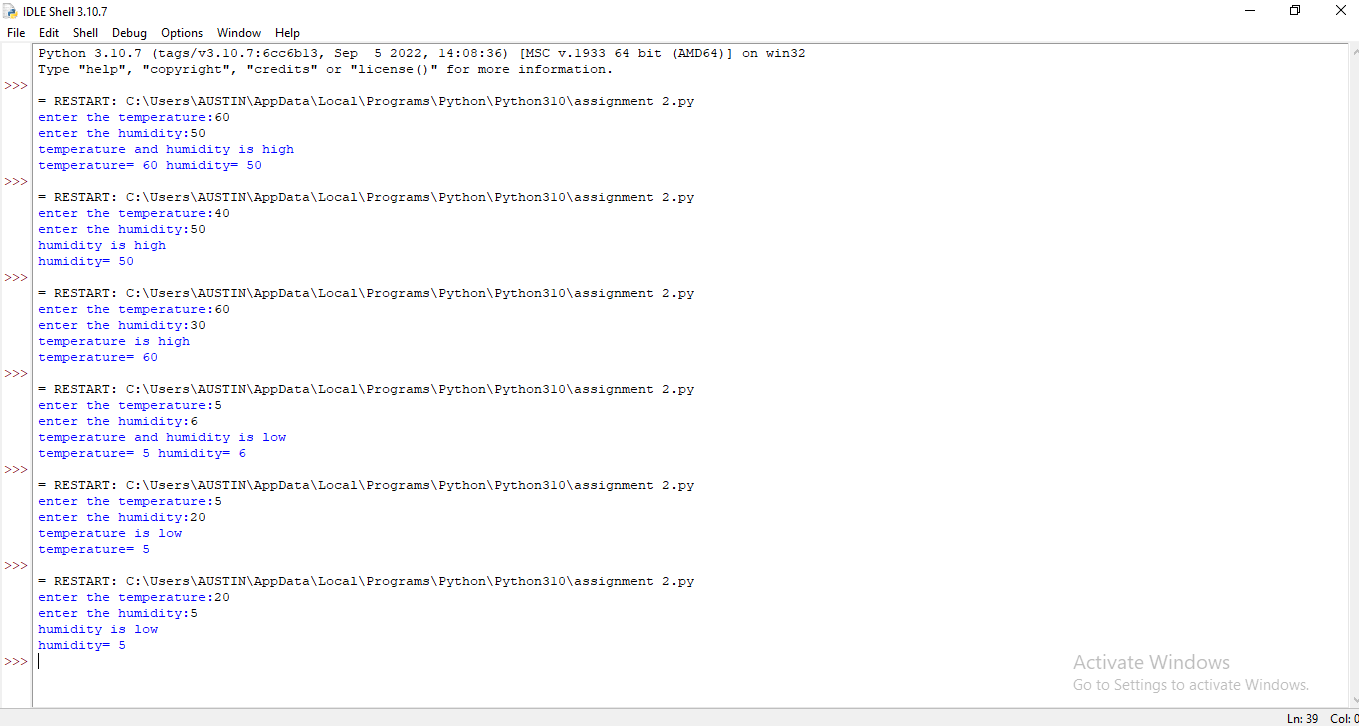
enter the humidity:5

humidity is low

humidity= 5

**SNAPS OF PROGRAM AND OUTPUT**

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