Professional Readiness For Innovation,Employability And Enterpreneurship

Assignment no-2

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