

## Assignment -2

### Python Programming

Assignment Date	27 September 2022
Team ID	PNT2022TMID19466
Maximum marks	2 Marks

**Question-1:** Build a python code, assume u get temperature and humidity values (generated with random function to a variable) and write a condition to continuously detect alarm in case of high temperature.

### **SOLUTION:**

```
import random as rd
while 1:
    a=rd.randint(10,100)
    b= rd.randint(10,100)
    If a>=80:
        if b>80:
            print("Hazard")
        else:
            print("High Temp")
    else:
        print("Working Successful")
```

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main.py

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Code, Compile, Run and Debug python program online.  
Write your code in this editor and press "Run" button to execute it.  
...  
import random as rd  
while 1:  
a=rd.randint(10,100)  
b= rd.randint(10,100)  
if a>=80:  
if b>80:  
print("Hazard")  
else:  
print("High Temp")  
else:  
print("Working Successfully")  
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RunDebugStopShareSaveBeautify

Language Python 3

input

Hazard  
Working Successfully  
Working Successfully  
Working Successfully  
Working Successfully  
High Temp  
Hazard  
Working Successfully  
High Temp  
Working Successfully  
Working  
...Program finished with exit code 9  
Press ENTER to exit console.

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