

Assignment -2

Smart Farmer - IoT Enabled Smart Farming Application

Assignment date	12- Nov- 2022
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Maximum Marks	2 Marks

Assignment 2:

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.

Program ;

```
import random
while(True):
a=random.randint(10,99)
b=random.randint(10,99)
if(a>35 and b>60):
    print("high temperature and humidity of:",a,b,"%","alarm is on")
elif(a a<60):
    print("Normal temperature and humidity of:",a,b,"%","alarm is off")
break
```

```
1 #!/usr/bin/env python
2 """
3 Welcome to ODM Online
4 ODM online is an online compiler and debugger tool for C, C++, Python, Java, PHP, Ruby, Perl,
5 C#, OCaml, VB, Swift, Pascal, Fortran, Haskell, Objective-C, Assembly, MIPS, C#, JS, Scala, Prolog.
6 Code, Compile, Run and Debug online from anywhere in world.
7 """
8 import random
9 while(True):
10     a=random.randrange(10,30)
11     b=random.randrange(10,30)
12     if(a>25 and b>25):
13         print("High temperature and humidity of:",a,b,"% alarm is on")
14     elif(a>25 and b<25):
15         print("Normal temperature and humidity of:",a,b,"% alarm is off")
16     else:
17         break
18 
```

OUTPUT:

```
← → ↻ onlinegdb.com input
⚡ Normal temperature and humidity of: 10 13 % alarm is off

...Program finished with exit code 0
Press ENTER to exit console.
```