

ASSIGNMENT 2

Date	19 September 2022
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Project Name	Smart Waste Management System For Metropolitan Cities

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.

Code:

```
import random
```

```
while(True):
```

```
a=random.randint(10,99)
```

```
b=random.randint(10,99)
```

```
if(a>35 and b>60):
```

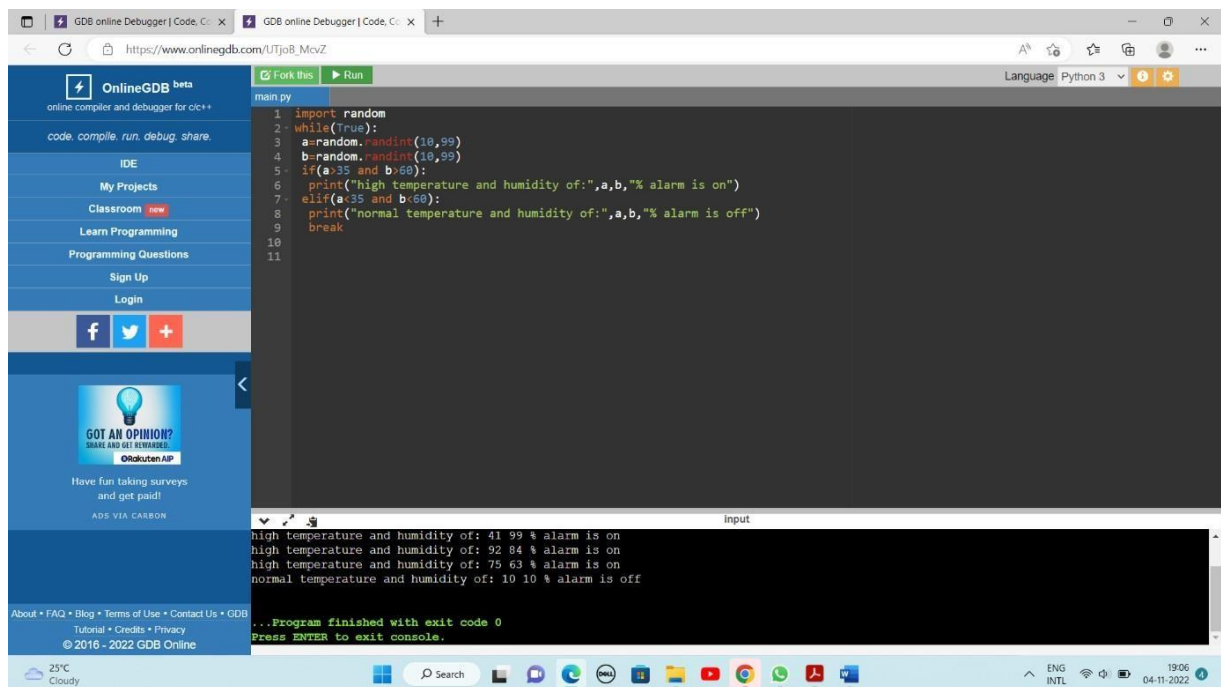
```
print("high temperature and humidity of:",a,b,"% alarm is on")
```

```
elif(a<35 and b<60):
```

```
print("normal temperature and humidity of:",a,b,"% alarm is off")
```

```
break
```

Output:



The screenshot shows the OnlineGDB web interface. On the left is a sidebar with navigation links: OnlineGDB beta, code, compile, run, debug, share, IDE, My Projects, Classroom, Learn Programming, Programming Questions, Sign Up, and Login. Below these are social media icons and an advertisement for 'GOT AN OPINION?'. The main area displays a Python script named 'main.py' with the following code:

```
1 import random
2 while(True):
3     a=random.randint(10,99)
4     b=random.randint(10,99)
5     if(a>35 and b>50):
6         print("high temperature and humidity of:",a,b,"% alarm is on")
7     elif(a<35 and b<50):
8         print("normal temperature and humidity of:",a,b,"% alarm is off")
9     break
10
11
```

The output console at the bottom shows the results of the program's execution:

```
high temperature and humidity of: 41 99 % alarm is on
high temperature and humidity of: 92 84 % alarm is on
high temperature and humidity of: 75 63 % alarm is on
normal temperature and humidity of: 10 10 % alarm is off
...Program finished with exit code 0
Press ENTER to exit console.
```

The browser's address bar shows the URL: https://onlinegdb.com/UTjoB_McvZ. The bottom of the image shows a Windows taskbar with the date 04-11-2022 and time 19:06.

https://onlinegdb.com/UTjoB_McvZ