

## ASSIGNMENT 2

<b>Date</b>	26/9/22
<b>Name</b>	Vinikadevi S P
<b>Team ID</b>	PNT2022TMID34215
<b>Project Name</b>	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):
```

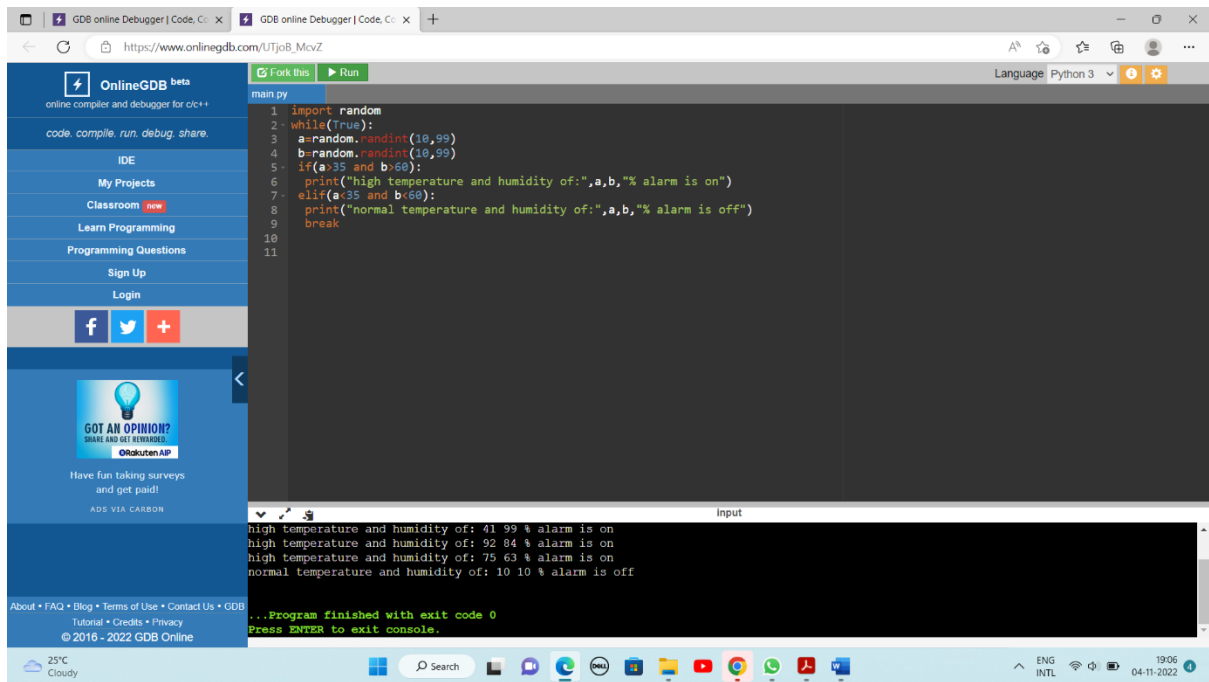
```
print("high temperature and humidity of:",a,b,"% alarm is on")
```

```
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. The browser address bar displays [https://www.onlinegdb.com/UTjoB\\_McvZ](https://www.onlinegdb.com/UTjoB_McvZ). The interface includes a sidebar with navigation links such as 'My Projects', 'Classroom', 'Learn Programming', and 'Sign Up'. The main area contains a code editor with a Python script and a console window showing the program's output.

```
1 import random
2 while(True):
3     a=random.randint(10,99)
4     b=random.randint(10,99)
5     if(a>35 and b>60):
6         print("high temperature and humidity of:",a,b,"% alarm is on")
7     elif(a<35 and b<60):
8         print("normal temperature and humidity of:",a,b,"% alarm is off")
9         break
10
11
```

The console output shows the following lines:

```
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.
```

[https://onlinegdb.com/UTjoB\\_McvZ](https://onlinegdb.com/UTjoB_McvZ)