

Assignment 2

Code:-

```
import random
```

```
while(True):
```

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

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

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

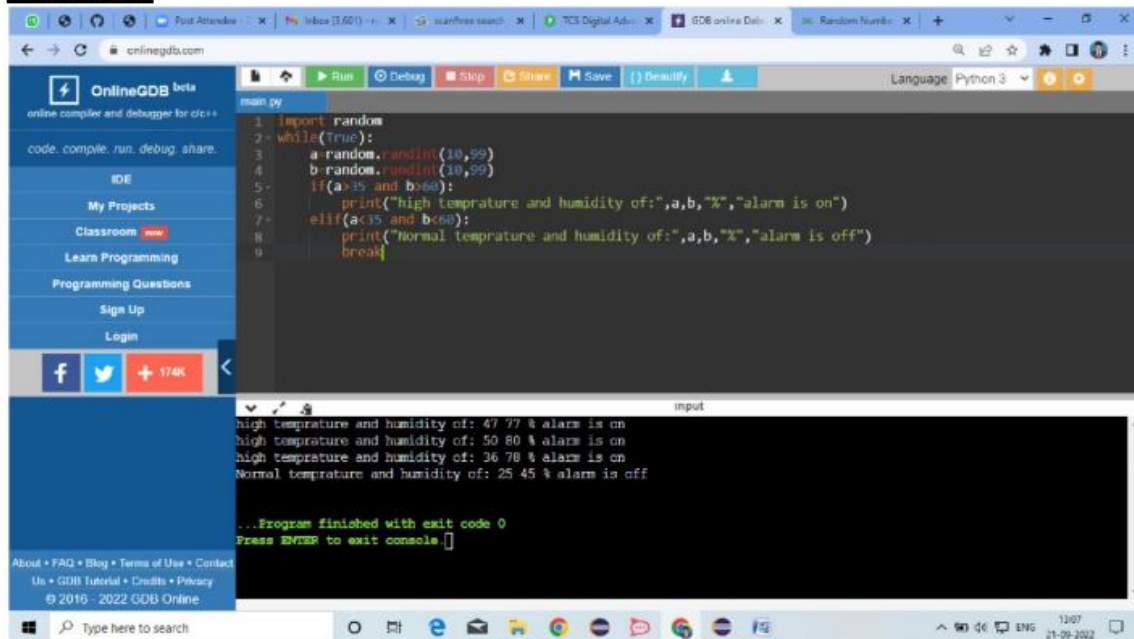
```
    print("high temprature and humidity  
of:",a,b,"%","alarm is on")
```

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

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

```
    break
```

Output:-



The screenshot displays the OnlineGDB web interface. The top navigation bar includes links for 'code', 'compile', 'run', 'debug', and 'share'. The left sidebar contains a menu with 'IDE', 'My Projects', 'Classroom', 'Learn Programming', 'Programming Questions', 'Sign Up', and 'Login'. The main editor area shows 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>15 and b>60):
6.         print("high temprature and humidity of:",a,b,"%","alarm is on")
7.     elif(a<15 and b<60):
8.         print("Normal temprature and humidity of:",a,b,"%","alarm is off")
9.         break
```

The output window at the bottom shows the execution results:

```
high temprature and humidity of: 47 77 % alarm is on
high temprature and humidity of: 50 80 % alarm is on
high temprature and humidity of: 36 78 % alarm is on
Normal temprature and humidity of: 25 45 % alarm is off
...Program finished with exit code 0
Press ENTER to exit console.
```

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