

## ASSIGNMENT-2

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BATCH: B4

PROGRAM:

```
import random
```

```
while(True):
```

```
    a=random.randint(10,100)
```

```
    b=random.randint(10,100)
```

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

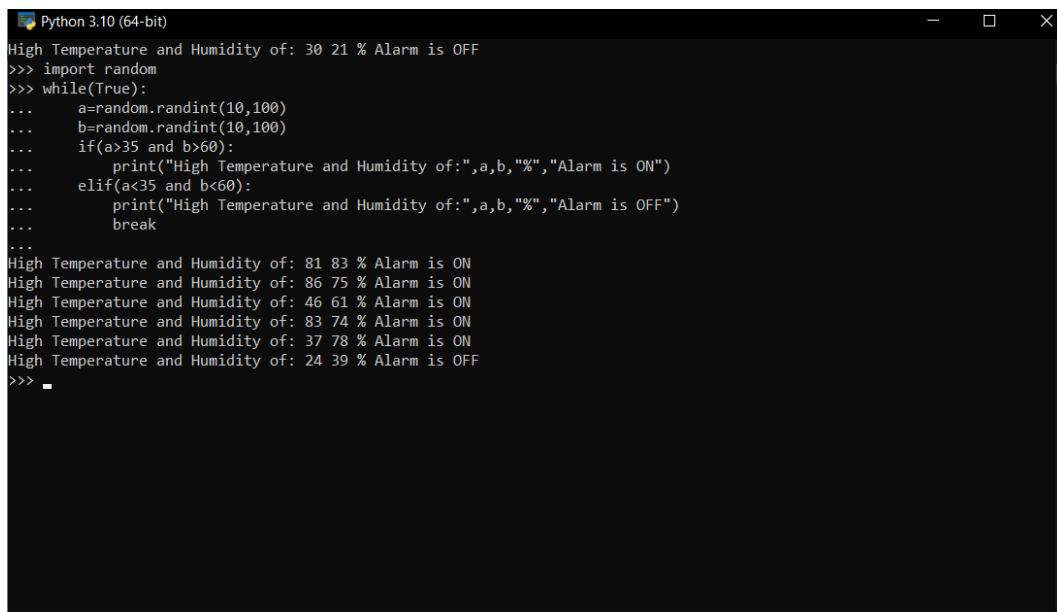
```
        print("High Temperature and Humidity of:",a,b,"%","Alarm is ON")
```

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

```
        print("High Temperature and Humidity of:",a,b,"%","Alarm is OFF")
```

```
    break
```

SCREENSHOT OUTPUT



```
Python 3.10 (64-bit)
High Temperature and Humidity of: 30 21 % Alarm is OFF
>>> import random
>>> while(True):
...     a=random.randint(10,100)
...     b=random.randint(10,100)
...     if(a>35 and b>60):
...         print("High Temperature and Humidity of:",a,b,"%","Alarm is ON")
...     elif(a<35 and b<60):
...         print("High Temperature and Humidity of:",a,b,"%","Alarm is OFF")
...         break
...
High Temperature and Humidity of: 81 83 % Alarm is ON
High Temperature and Humidity of: 86 75 % Alarm is ON
High Temperature and Humidity of: 46 61 % Alarm is ON
High Temperature and Humidity of: 83 74 % Alarm is ON
High Temperature and Humidity of: 37 78 % Alarm is ON
High Temperature and Humidity of: 24 39 % Alarm is OFF
>>> _
```