

## Assignment -2

|                     |                   |
|---------------------|-------------------|
| Assignment Date     | 19 September 2022 |
| Student Name        | Arthi.V           |
| Student Roll Number | 611219106003      |
| Maximum Marks       | 2 Marks           |

### Question:

Build a python code, assume you 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):
```

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

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


```
    if(t>30 and h>40):
```

```
        print("High temperature and values of Temperature & Humidity  
is:",t,h,"Alarm is on")
```


```
    elif(t<30 and h<40):
```

```
        print("Low temperature and values of Temperature & Humidity :  
",t,h,"Alarm is off")
```


### Output:




main.py




Run




Clear




1 import random




2 while True:




3 t=random.randint(10,99)




4 h=random.randint(10,99)




5 if t>30 and h>40:




6 print("High temperature and values of Temperature & Humidity is:",t,h




7 elif t<30 and h<40:




8 print("Low temperature and values of Temperature & Humidity : ",t,h




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