

Assignment -1
Python Programming

Assignment Date	19 September 2022
Student Name	JAYAPRIYA P
Student Roll Number	GCTC1914117
Maximum Marks	2 Marks

Question-1:

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.

Solution:

```
Import random
```

```
Threshold = int(input("Enter Threshold Temperature(Range 0,50):"))
```

```
A=1
```

```
While(a==1):
```

```
    Val=random.randint(0,50)
```

```
    Print("Random Temperature: ",val)
```

```
    If val>threshold:
```

```
        Print("Random Temp:",val,"higher than",threshold,"(Threshold Temperature)")
```

```
    Elif threshold>val:
```

```
        Print("Random Temp:",val,"less than",threshold,"(Threshold Temperature)")
```

```
    Else:
```

```
        Print("Random Temp:",val,"equals to",threshold,"(Threshold Temperature)")
```

```
    A=int(input("Enter 1 to Repeat:"))
```