

# IoT ASSIGNMENT

**TOPIC :** Assignment on temperature and humidity sensing and alarm automation using python

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**CODE :**

```
import random #importing random values
import time #importing time to introduce delay between instantaneous
random values
while (True): #looping the random values
    time.sleep(1)
    a=random.randint(10,70) #getting random values as a for
temperature
    b=random.randint(10,99) #getting random values as a for humidity

    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")
    continue
```

**OUTPUT :**

