Name	**Naga Surya B**
Reg.No	**19TUCS132**
Departament	**CSE**
Title	Gas Leakage Monitoring and Alerting System
Topic	**Assignment on temperature and humidity sensing and alarm automation using python**

Assignment on temperature and humidity sensing and alarm automation using python

Code:

```
import random
i=1
while(True):
a=random.randint(10,100)
b=random.randint(10,100)
if(a>35 and b<65):
    print("HIGH TEMPERATURE AND HUMIDITY OF:",a,b,"%","ALARM IS ON")
elif(a<35 and b>65):
    print("NORMAL TEMPERATURE AND HUMIDITY OF:",a,b,"%","ALARM IS OFF")
if(i<10):
    i=i+1
    random
else:
    break
```

Output: