ASSIGNMENT-2

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.**

Program code:

```python
from random import randint
i=0
while i<=10:
    hum=randint(50,70)
    temp=randint(5,35)
    if (temp>33)|(temp<17):
        print("Temperature alert "+str(temp)+" deg C")
    else:
        print("Temperature is "+str(temp)+" deg C")
    print("\n")
    if(hum>60)|(hum<50):
        print("Humidity alert "+str(hum)+" %")
    else:
        print("Humidity is "+str(hum)+" %")
    i=i+1
```

Output

```
Humidity is 60 %
Temperature is 24 deg C


Humidity is 50 %
Temperature is 24 deg C


Humidity alert 62 %
Temperature is 24 deg C


Humidity alert 68 %
Temperature alert 6 deg C


Humidity is 54 %
Temperature alert 8 deg C


Humidity alert 68 %
Temperature alert 11 deg C
```