# Assignment - 2

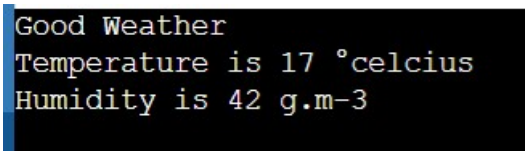
**Python code to get temperature and humidity values (generated with a random function to a variable) and condition to detect an alarm in case of high temperature.**

Code:

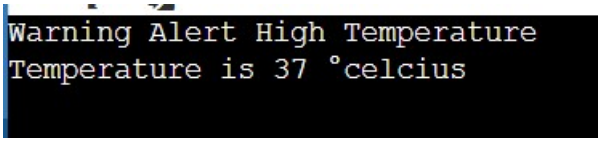
```
import random
def temperature():
  temperature = random.randrange(15,40)
  return temperature
def humidity():
   humidity=random.randrange(30,75)
   return humidity
temperature=temperature()
humidity=humidity()
if(temperature<=35):
    if(humidity<=60):
        print("Good Weather")
        print("Temperature is",temperature,"°celcius")
        print("Humidity is",humidity,"g.m-3")
    else:
        print("Warning Alert High Humidity")
        print("Humidity is",humidity,"g.m-3")
else:
    print("Warning Alert High Temperature")
    print("Temperature is",temperature,"°celcius")
```

**OUTPUT:**

Output for normal temperature and humidity:




Output for warning alert of high temperature:



Output for warning alert of high humidity: