ASSIGNMENT 2

Build a python code, assume you 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.

PYTHON CODE:

```
import random
while (True):
  temp=random.randint(10,99)
  hum=random.randint(10,99)
  if(temp>40):
      print("high temperature:",temp,"%","alarm is on")
  Elif(temp<40):
      print("normal temperature:",temp,"%","alarm is off")
      break
```

OUTPUT:

high temperature: 47 % alarm is on

high temperature: 53 % alarm is on

high temperature: 52 % alarm is on

high temperature: 64 % alarm is on

high temperature: 79 % alarm is on

high temperature: 62 % alarm is on

high temperature: 46 % alarm is on

high temperature: 59 % alarm is on

high temperature: 59 % alarm is on

high temperature: 70 % alarm is on

normal temperature: 34 % alarm is off