Assignment -2

Assignment Date	28 September 2022
Student Name	Bhavadharani S
Student Roll Number	611219106006
Maximum Marks	2 Marks

Question:

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.

Code:

import random

while(True):

  x=random.randint(10,99)

  y=random.randint(10,99)

  if(x>40 and y>70):

    print("Alarm's high temperature and humidity is ",x,y,"%","is ON")

  elif(x<30 and y<55):

    print("Alarm's normal temperature and humidity is ",x,y,"%","is OFF")

    break

Output:

```
import random
while(True):
    x=random.randint(10,99)
    y=random.randint(10,99)
    if(x>40 and y>70):
        print("Alarm's high temperature and humidity is ",x,y,"%","is ON")
    elif(x<30 and y<55):
        print("Alarm's normal temperature and humidity is ",x,y,"%","is OFF")
        break


Alarm's high temperature and humidity is  64 85 % is ON
Alarm's high temperature and humidity is  88 73 % is ON
Alarm's high temperature and humidity is  59 72 % is ON
Alarm's normal temperature and humidity is  10 32 % is OFF
```