ASSIGNMENT TASK – 2

PROJECT TITLE:

IoT Based Smart Crop Protection System for Agriculture

TEAM DETAILS:

Dhanussh Aditya V (Team Leader)

Deepak Rathinam M

Sharanya R G

Kiruthikashree K

ASSIGNMENT TASK DETAIL:

TASK: Assignment on temperature and humidity sensing and alarm automation using python

CODE:

```
import random
i=10
while(True):
   a=random.randint(10,100)
   b=random.randint(10,100)
   if(a>35 and b<65):
      print("HIGH TEMPERATURE =",a,"%", "AND HUMIDITY =",b,"%","ALARM IS ON")
   elif(a<35 and b>65):
      print("NORMAL TEMPERATURE =",a,"%", "AND HUMIDITY =",b,"%","ALARM IS OFF")
   if(i<55):
      i=i+1
      random
   else:
      break
```

ASSIGN-2.py - C:/Users/hp/AppData/Local/Programs/Python/Python38-32/ASSIGN-2.py (3.8.5)

File Edit Format Run Options Window Help

```
import random
i=10
while(True):
    a=random.randint(10,100)
    b=random.randint(10,100)
    if(a>35 and b<65):
        print("HIGH TEMPERATURE =",a,"%", "AND HUMIDITY =",b,"%","ALARM IS ON")
    elif(a<35 and b>65):
        print("NORMAL TEMPERATURE =",a,"%", "AND HUMIDITY =",b,"%","ALARM IS OFF")
    if(i<55):
        i=i+1
        random
    else:
        break
```

OUTPUT: