ASSIGNMENT 2

CODE:

```
import random
temp_startvalue=int(input("Enter the temp start value:"))
temp_endvalue=int(input("Enter the temp end value:"))
humid_startvalue=int(input("Enter the humid start value:"))
humid_endvalue=int(input("Enter the humid end value:"))
for i in range(0,20):
 n = random.randint(temp_startvalue,temp_endvalue)
c=random.randint(humid_startvalue,humid_endvalue)
 print("\t")
 print(i+1,".Temperature is ",n,"degree")
 print(i+1,".Humidity value is ",c)
 if n>30 and c>30:
  print("Alarm is detected because of high temperature and
humidity")
  print("\t")
else:
 print("Alarm is not detected")
 print("\t");
```
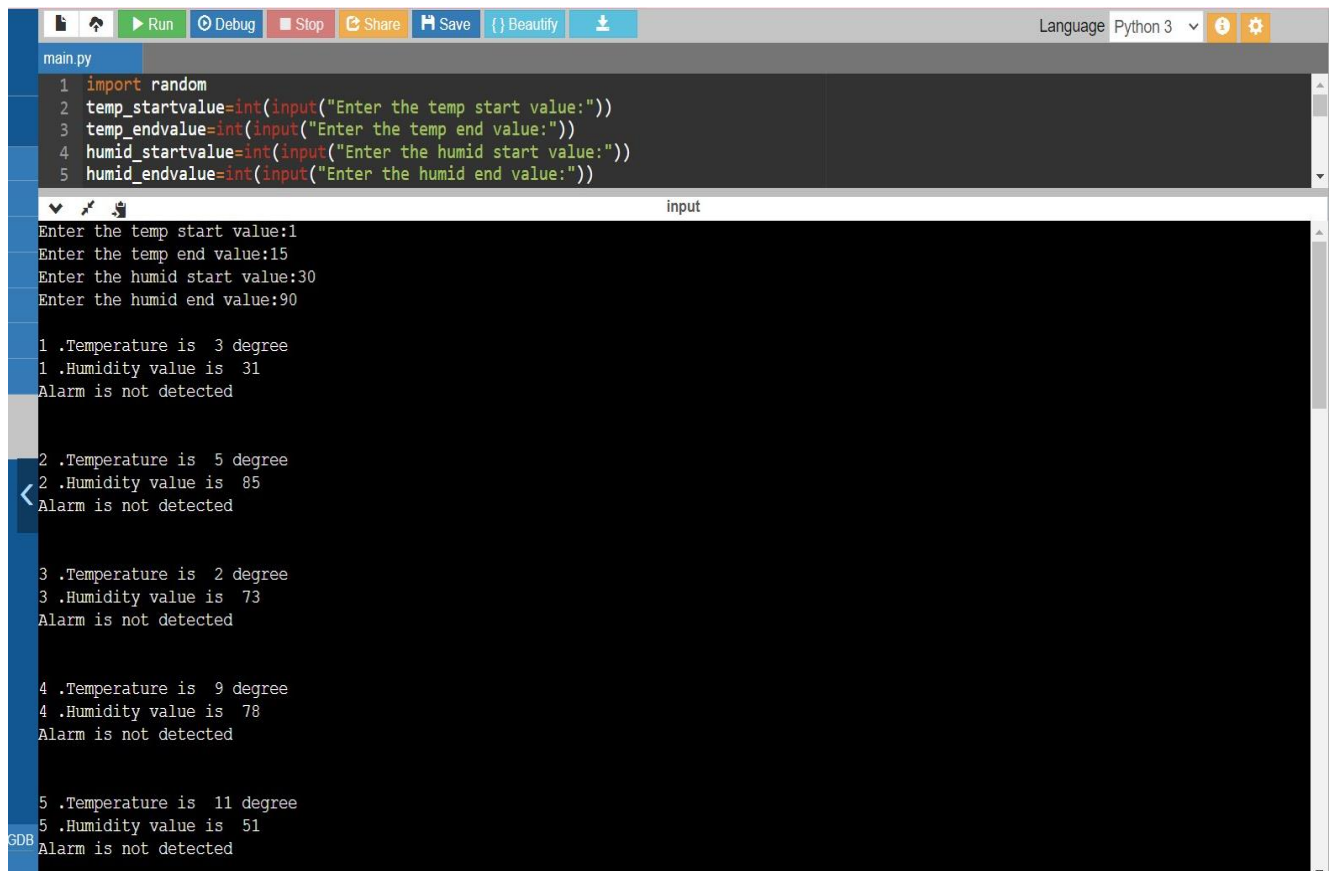
OUTPUT:


```python
1  import random
2  temp_startvalue=int(input("Enter the temp start value:"))
3  temp_endvalue=int(input("Enter the temp end value:"))
4  humid_startvalue=int(input("Enter the humid start value:"))
5  humid_endvalue=int(input("Enter the humid end value:"))
```

```
Enter the temp start value:1
Enter the temp end value:15
Enter the humid start value:30
Enter the humid end value:90

1 .Temperature is  3 degree
1 .Humidity value is  31
Alarm is not detected


2 .Temperature is  5 degree
2 .Humidity value is  85
Alarm is not detected


3 .Temperature is  2 degree
3 .Humidity value is  73
Alarm is not detected


4 .Temperature is  9 degree
4 .Humidity value is  78
Alarm is not detected


5 .Temperature is  11 degree
5 .Humidity value is  51
Alarm is not detected
```