

BATCH NUMBER: B7-1A3E

SUBMITTED BY: VARSHA S

ROLL NUMBER: 9517201903171

```
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(0,40):

    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>50 and c>50:

        print("Alarm is detected because of high temperature and humidity")

        print("\t")

    else:

        print("Alarm is not detected")

        print("\t");
```

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main.py

```
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:"))
6 for i in range(0,40):
7     n = random.randint(temp_startvalue,temp_endvalue)
8     c=random.randint(humid_startvalue,humid_endvalue)
9     print("\t")
10    print(i+1,".Temperature is ",n,"degree")
11    print(i+1,".Humidity value is ",c)
12    if n>50 and c>50:
13        print("Alarm is detected because of high temperature and humidity")
14        print("\t")
15    else:
16        print("Alarm is not detected")
17        print("\t");
18
```

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Detect background of RGB image - MATLAB A...
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Enter the temp start value:10
Enter the temp end value:40
Enter the humid start value:15
Enter the humid end value:50

```
1 .Temperature is  34 degree
1 .Humidity value is  38
Alarm is not detected

2 .Temperature is  30 degree
2 .Humidity value is  36
Alarm is not detected

3 .Temperature is  31 degree
3 .Humidity value is  42
Alarm is not detected

4 .Temperature is  12 degree
4 .Humidity value is  25
Alarm is not detected

5 .Temperature is  14 degree
5 .Humidity value is  35
Alarm is not detected

6 .Temperature is  27 degree
6 .Humidity value is  28
Alarm is not detected

7 .Temperature is  22 degree
7 .Humidity value is  23
```

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```
8 .Temperature is 29 degree
8 .Humidity value is 49
Alarm is not detected

9 .Temperature is 33 degree
9 .Humidity value is 17
Alarm is not detected

10 .Temperature is 24 degree
10 .Humidity value is 36
Alarm is not detected

11 .Temperature is 25 degree
11 .Humidity value is 27
Alarm is not detected

12 .Temperature is 32 degree
12 .Humidity value is 42
Alarm is not detected

13 .Temperature is 24 degree
13 .Humidity value is 25
Alarm is not detected

14 .Temperature is 11 degree
14 .Humidity value is 33
Alarm is not detected

15 .Temperature is 26 degree
15 .Humidity value is 24
```

Detect background of RGB i
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