

Smart farmer -IOT based Farming application

program :

```
import random
```

```
while(True):
```

```
    a=random.randint(10,100)
```

```
    b=random.randint(10,100)
```

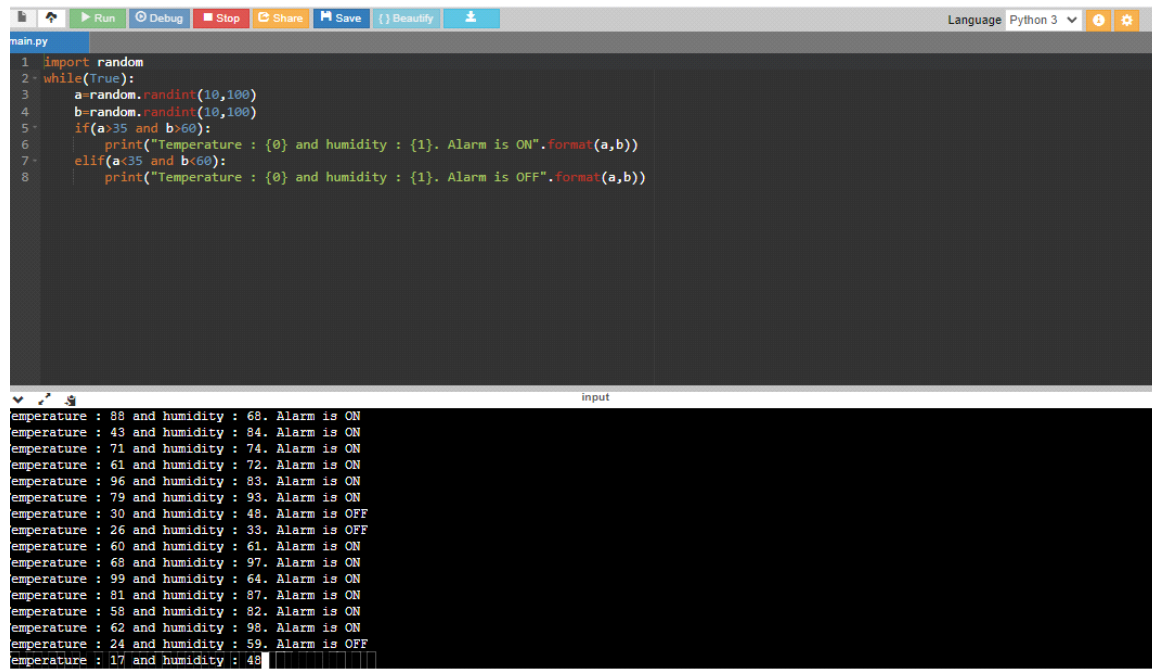
```
    if(a>35 and b>60):
```

```
        print("Temperature : {0} and humidity : {1}. Alarm is ON".format(a,b))
```

```
    elif(a<35 and b<60):
```

```
        print("Temperature : {0} and humidity : {1}. Alarm is OFF".format(a,b))
```

output:



```
main.py
1 import random
2 while(True):
3     a=random.randint(10,100)
4     b=random.randint(10,100)
5     if(a>35 and b>60):
6         print("Temperature : {0} and humidity : {1}. Alarm is ON".format(a,b))
7     elif(a<35 and b<60):
8         print("Temperature : {0} and humidity : {1}. Alarm is OFF".format(a,b))
```

input

```
temperature : 88 and humidity : 68. Alarm is ON
temperature : 43 and humidity : 84. Alarm is ON
temperature : 71 and humidity : 74. Alarm is ON
temperature : 61 and humidity : 72. Alarm is ON
temperature : 96 and humidity : 83. Alarm is ON
temperature : 79 and humidity : 93. Alarm is ON
temperature : 30 and humidity : 48. Alarm is OFF
temperature : 26 and humidity : 33. Alarm is OFF
temperature : 60 and humidity : 61. Alarm is ON
temperature : 68 and humidity : 97. Alarm is ON
temperature : 99 and humidity : 64. Alarm is ON
temperature : 81 and humidity : 87. Alarm is ON
temperature : 58 and humidity : 82. Alarm is ON
temperature : 62 and humidity : 98. Alarm is ON
temperature : 24 and humidity : 59. Alarm is OFF
temperature : 17 and humidity : 48
```