

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.

```
#Temperature and humidity sensing alarm
```

```
import random
```

```
while(True):
```

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

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

```
    if(a>50 and b>100):
```

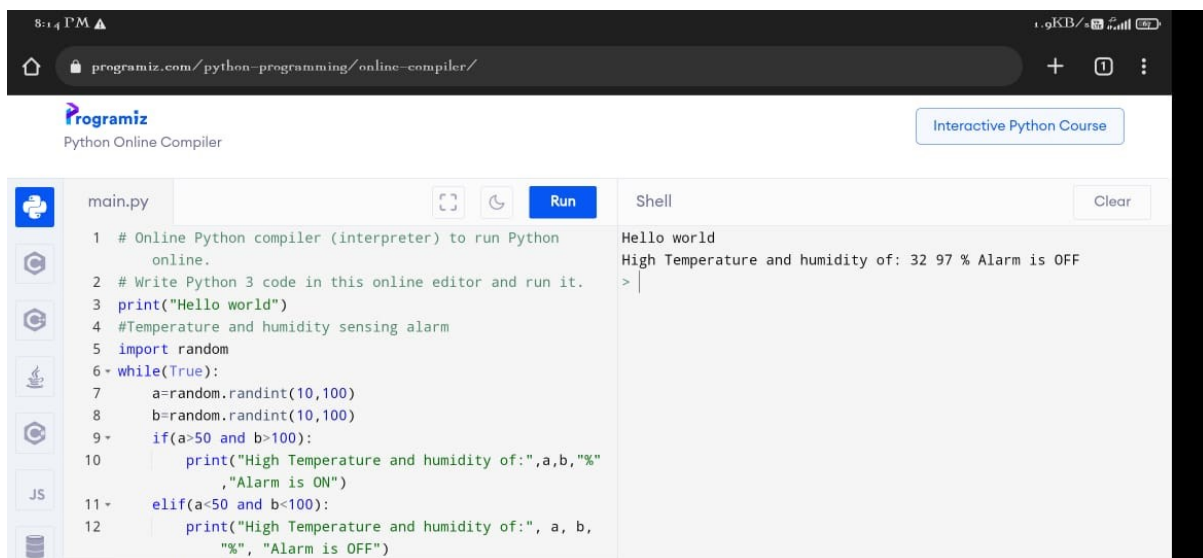
```
        print("High Temperature and humidity of:",a,b,"%","Alarm is ON")
```

```
    elif(a<50 and b<100):
```

```
        print("High Temperature and humidity of:", a, b, "%", "Alarm is OFF")
```

```
    break
```

Sample output:



The screenshot shows the Programiz Python Online Compiler interface. The code editor on the left contains the following Python code:

```
1 # Online Python compiler (interpreter) to run Python online.
2 # Write Python 3 code in this online editor and run it.
3 print("Hello world")
4 #Temperature and humidity sensing alarm
5 import random
6 while(True):
7     a=random.randint(10,100)
8     b=random.randint(10,100)
9     if(a>50 and b>100):
10         print("High Temperature and humidity of:",a,b,"%","Alarm is ON")
11     elif(a<50 and b<100):
12         print("High Temperature and humidity of:", a, b, "%", "Alarm is OFF")
```

The output shell on the right displays the following text:

```
Hello world
High Temperature and humidity of: 32 97 % Alarm is OFF
>
```