

ASSIGNMENT 2 - BUILD PYTHON CODE

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ASSIGNMENT 2 - Build a python code, Assume u 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.

```
TEMP = int(input("Get the temperature value : "))
```

```
HUMIDITY = int(input("Get the humidity value : "))
```

```
if(TEMP>25) :
```

```
    print("The temperature value is high ")
```

```
elif(TEMP<25) :
```

```
    print("The temperature value is low ")
```

```
elif(TEMP==25):
```

```
    print("The temperature value is correct ")
```

```
if(HUMIDITY >25) :
```

```
    print("The humidity value is high ")
```

```
elif(HUMIDITY <25) :
```

```
    print("The humidity value is low ")
```

```
elif(HUMIDITY ==25):
```

```
    print("The humidity value is correct ")
```

OUTPUT 1 :

Get the temperature value : 12

Get the humidity value : 13

The temperature value is low

The humidity value is low

OUTPUT 2:

Get the temperature value : 26

Get the humidity value : 37

The temperature value is high

The humidity value is high

OUTPUT 3 :

Get the temperature value : 25

Get the humidity value : 25

The temperature value is correct

The humidity value is correct

OUTPUT 4 :

Get the temperature value : 26

Get the humidity value : 14

The temperature value is high

The humidity value is low