

ASSIGNMENT – 02

PYTHON IDE PROGRAMMING

ASSIGNMENT NUMBER	02
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BUILD A PYTHON CODE, ASSUME U GET THE TEMPERATURE AND HUMIDITY VALUES (GENERATED WITH RANDOM FUNCTION TO A VARIABLE) AND WRITE THE CONDITION CONTINUOUSLY DETECT ALARM IN CASE OF HIGH TEMPERATURE.

PROGRAM

```
from random import randint
```

```
from time import sleep
```

```
while(True):
```

```
    temp = randint(-50,50)
```

```
    print("Temperature : "+str(temp))
```

```
    humidity = randint(0,100)
```

```
    print("Humidity : "+str(humidity)+"\n")
```

```
    if(temp > 10 and temp < 30):
```

```
        print("Ideal Temperature")
```

```
    else:
```

```
        print("Not Ideal Temperature")
```

```
    if(humidity > 25 and humidity < 75):
```

```
        print("Ideal Humidity")
```

```
    else:
```

```
        print("Not Ideal Humidity")
```

```
    print("\n")
```

`sleep(1)`