

## 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
```

```
iterator = 0
```

```
while(True):
```

```
    tmp = randint(0,75)
```

```
    print("Current Temperature : ",tmp,sep="\t")
```

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

```
    print("Current Humidity : ",humdty,sep="\t",end="\n")
```

```
    if(not(10<tmp<42)):
```

```
        print("Unbearable Temperature")
```

```
    if(not(25<humdty<75)):
```

```
        print("Unbearable Humidity")
```

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

```
    sleep(1)
```

```
iterator+=1
```

```
if(iterator>100):
```

```
    break
```