

## ASSIGNMENT - 2

### PYTHON PROGRAMMING

ASSIGNMENT DATE	21 SEPTEMBER 2022
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MAXIMUM MARKS	

#### Question-1:

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.

#### Solution:

```
#TEMPERATURE AND HUMIDITY VALUES- STEEDHAR.R
```

```
#T-TEMPERATURE,H-HUMIDITY
```

```
import random
```

```
while True:
```

```
    T = random.randint(40, 50)
```

```
    H = random.randint(4,100)
```

```
    print(T,'C')
```

```
    if T>=35:#We take below 35 normal temperature
```

```
        print("HIGH TEMPERATURE,WARNING")
```

```
    else:
```

```
        print("NORMAL")
```

```
    print("HUMIDITY:",H,'%')
```

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Result Size: 602 x 446

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```
#TEMPERATURE AND HUMIDITY VALUES- STEEDHAR.R
#T-TEMPERATURE,H-HUMIDITY
import random
while True:
    T = random.randint(40, 50)
    H = random.randint(4,100)
    print(T,'*C')
    if T>=35:#We take below 35 normal temperature
        print("HIGH TEMPERATURE,WARNING")
    else:
        print("NORMAL")
    print("HUMIDITY:",H,'%')
```

```
48 *C
HIGH TEMPERATURE,WARNING
HUMIDITY: 42 %
46 *C
HIGH TEMPERATURE,WARNING
HUMIDITY: 58 %
46 *C
HIGH TEMPERATURE,WARNING
HUMIDITY: 51 %
49 *C
HIGH TEMPERATURE,WARNING
HUMIDITY: 51 %
41 *C
HIGH TEMPERATURE,WARNING
HUMIDITY: 6 %
47 *C
HIGH TEMPERATURE,WARNING
HUMIDITY: 35 %
40 *C
HIGH TEMPERATURE,WARNING
HUMIDITY: 43 %
44 *C
HIGH TEMPERATURE,WARNING
```