

ASSIGNMENT-2

Assignment Date	30 September 2022
Student Name	A.Dinesh Kumar
Student Roll Number	311019205011
Maximum Mark	2 Marks

PROGRAM:

```
import random
```

```
while True:
```

```
    t = random.randint(1,100)
```

```
    h = random.randint(1,100)
```

```
    if( t > 75 and h < 50):
```

```
        print("Temperature is ",t,"Celsius is High and Humidity:",h)
```

```
        print("ALARM DETECTED")
```

```
    elif( t < 10 and h < 40):
```

```
        print("Temperature is ",t," Celsius and Humidity is ",h)
```

```
        print("ALARM DETECTED")
```

```
    elif t > 80:
```

```
        print("Temperature is High at",t,"Celsius")
```

```
        print("ALARM DETECTED")
```

```
    else:
```

```
        print("Normal")
```

```
        print("ALARM NOT DETECTED")
```

```
    break
```