

## ASSIGNMENT - 2

Assignment Date	25 September 2022
Student Name	Ms.L.Rabiya
Student Roll Number	821919104020
Maximum Marks	2 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:

```
import random from
```

```
time import * while
```

```
(True):
```

```
    Temp = random.randint(0,1000)
```

```
    Humid = random.randint(0,1000)
```

```
    if Temp>500 and Humid<550:
```

```
        print("Temperature=",Temp,"Humidity =",Humid)
```

```
    print("Alert=Temperature goes high and Humidity Value decreases")
```

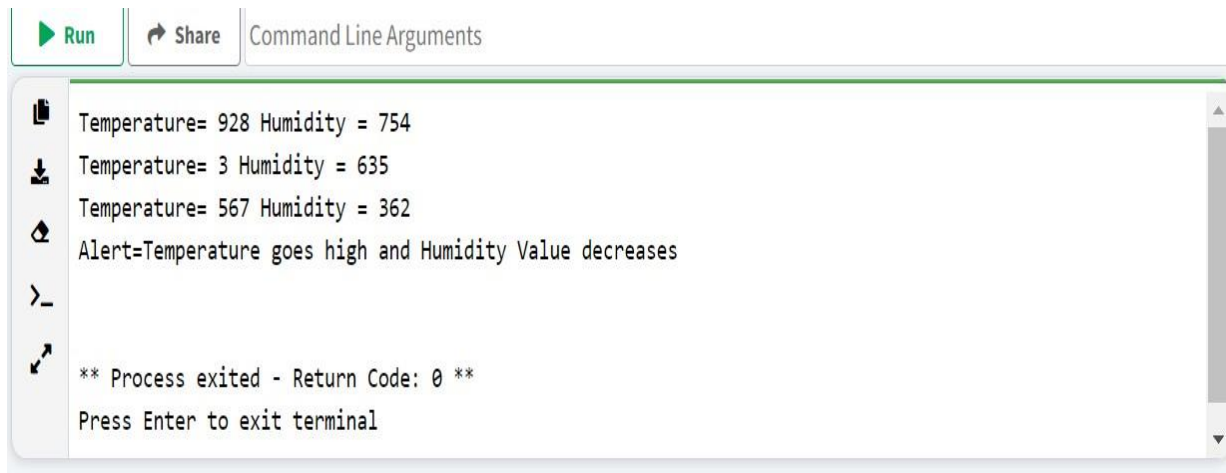
```
        break
```

```
else:
```

```
    print("Temperature=",Temp,"Humidity =",Humid)
```

```
    sleep(1);
```

## Output:



The screenshot shows a code execution interface with a top bar containing 'Run', 'Share', and 'Command Line Arguments' tabs. The 'Run' tab is active. On the left, there is a vertical toolbar with icons for file operations, download, copy, paste, and terminal. The main area displays the output of the execution, which includes temperature and humidity readings, an alert message, and a process exit confirmation.

```
Temperature= 928 Humidity = 754
Temperature= 3 Humidity = 635
Temperature= 567 Humidity = 362
Alert=Temperature goes high and Humidity Value decreases
** Process exited - Return Code: 0 **
Press Enter to exit terminal
```