

## Assignment - 2

NAME – KABILAN P

### Python code :

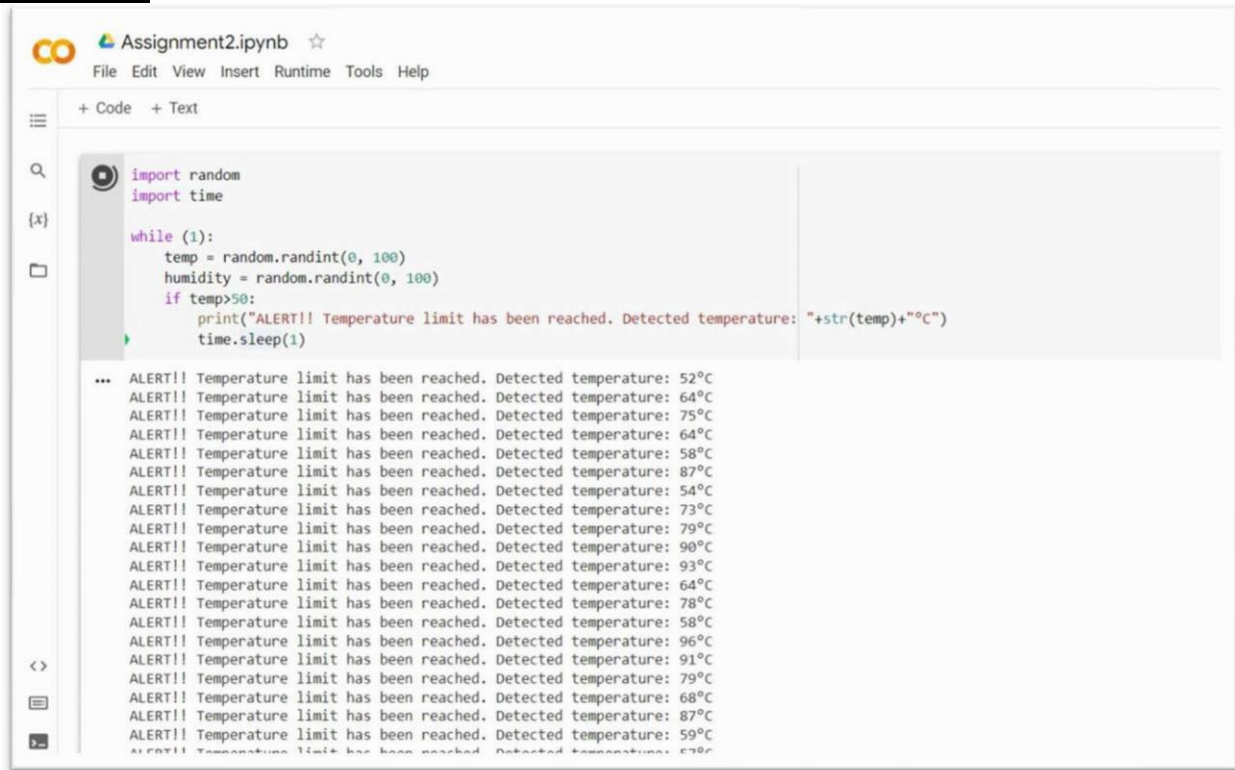
```
import random

import time

while (1):

    temp = random.randint(0, 100) humidity =
    random.randint(0, 100) if temp>60: print("ALERT!!
    Detected temperature: "+str(temp)+"°C") time.sleep(1)
```

## OUTPUT :



The screenshot displays a Jupyter Notebook titled "Assignment2.ipynb". The interface includes a top menu bar with "File", "Edit", "View", "Insert", "Runtime", "Tools", and "Help". Below the menu is a toolbar with icons for file operations and a "Code" button. The main area is divided into two sections: a code editor and an output area. The code editor contains the following Python code:

```
import random
import time

while (1):
    temp = random.randint(0, 100)
    humidity = random.randint(0, 100)
    if temp>50:
        print("ALERT!! Temperature limit has been reached. Detected temperature: "+str(temp)+"°C")
        time.sleep(1)
```

The output area shows a series of 20 lines of text, each starting with "ALERT!! Temperature limit has been reached. Detected temperature:" followed by a random temperature value in degrees Celsius. The temperatures range from 52°C to 96°C. The output is truncated with "..." at the top and bottom.