

Assignment - 2

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Python code :

```
import random
```

```
import time
```

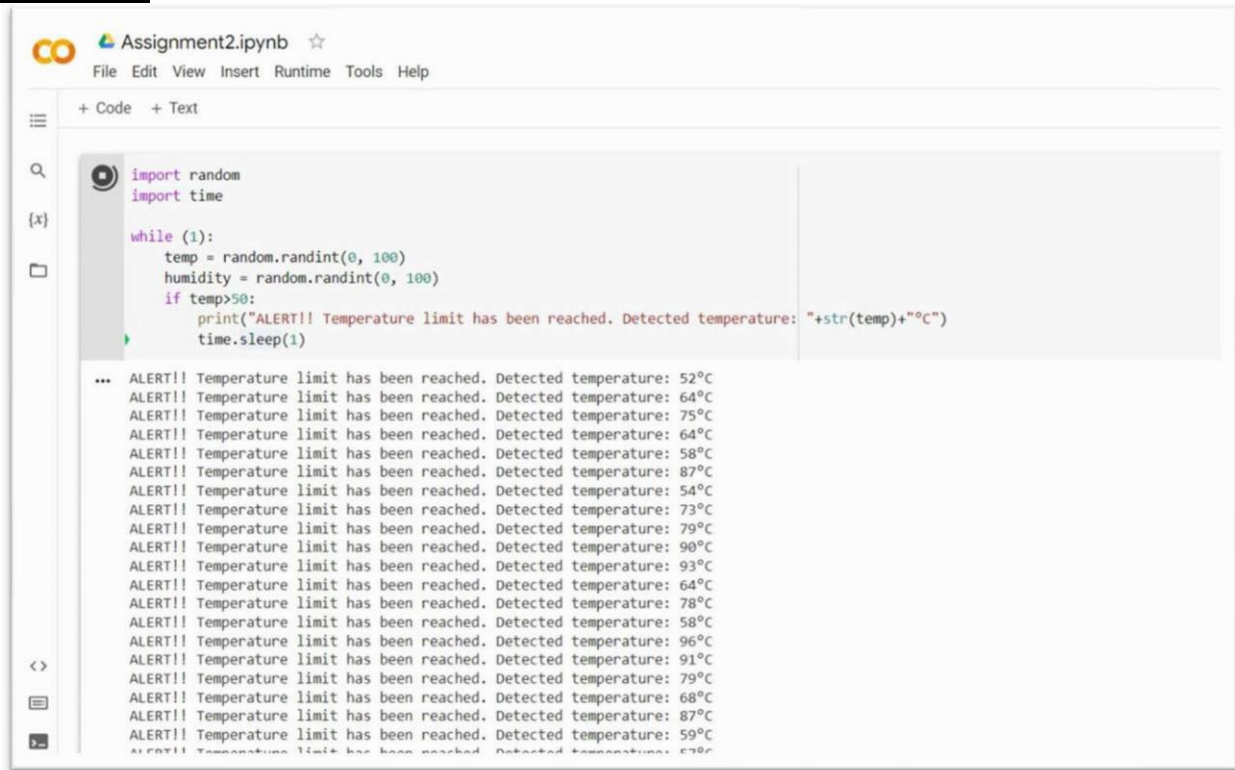
```
while (1):
```

```
    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.