

# Team ID :PNT2022TMID09303

```
import random

import time

while True:

    temp = random.randint(1,200)

    humidity = random.randint(1,100)

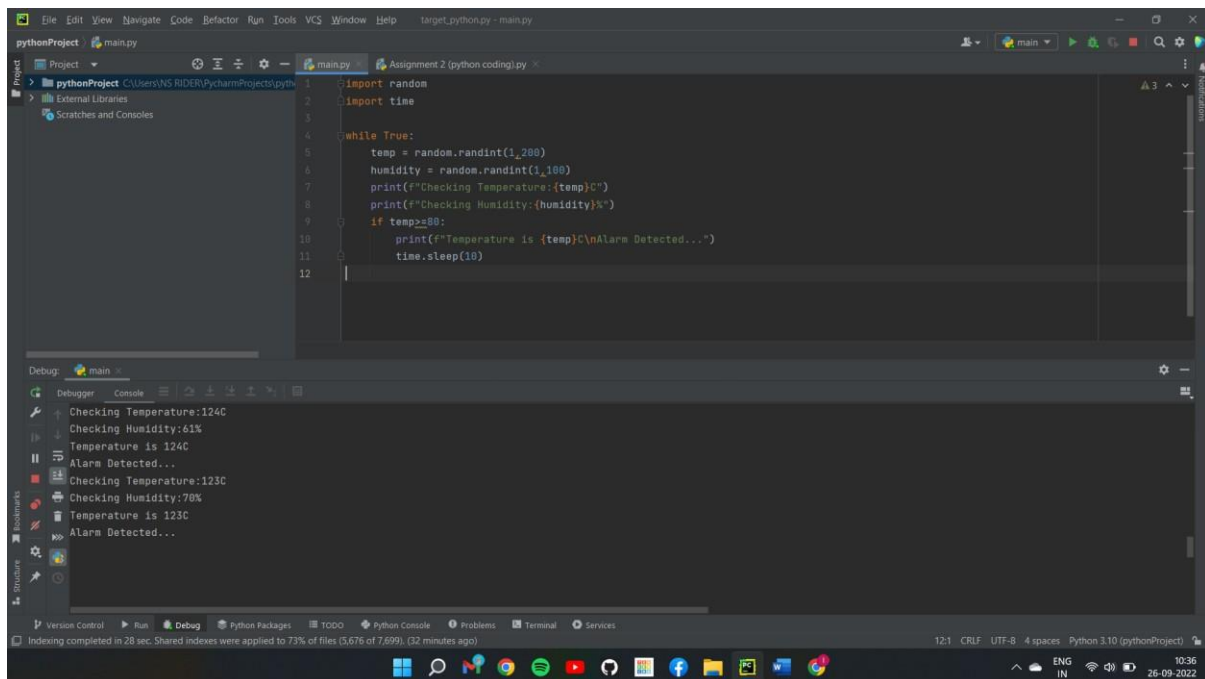
    print(f"Checking Temperature: {temp}C")

    print(f"Checking Humidity: {humidity}%")

    if temp>=80:

        print(f"Temperature is {temp}C\nAlarm Detected...")

    time.sleep(10)
```



The screenshot shows a Python IDE with a file named `main.py` containing the following code:

```
1 import random
2 import time
3
4 while True:
5     temp = random.randint(1,200)
6     humidity = random.randint(1,100)
7     print(f"Checking Temperature: {temp}C")
8     print(f"Checking Humidity: {humidity}%")
9     if temp>=80:
10        print(f"Temperature is {temp}C\nAlarm Detected...")
11    time.sleep(10)
12
```

The IDE's output console shows the following output:

```
Checking Temperature:124C
Checking Humidity:61%
Temperature is 124C
Alarm Detected...
Checking Temperature:123C
Checking Humidity:78%
Temperature is 123C
Alarm Detected...
```

The IDE interface includes a menu bar (File, Edit, View, Navigate, Code, Refactor, Run, Tools, VCS, Window, Help), a toolbar, a sidebar with a Project view, and a bottom status bar showing the current file encoding (12:1 CRUF UTF-8 4 spaces) and the Python version (Python 3.10 (pythonProject)).