

## Application Tools Report used in Project:

### Static Bug Detection and Clone Detection tool: Pylint

I used pylint as both clone detection tool and Static bug detection tool and below are the results for it.

#### 1. Installing Pylint Extension for VSCode.

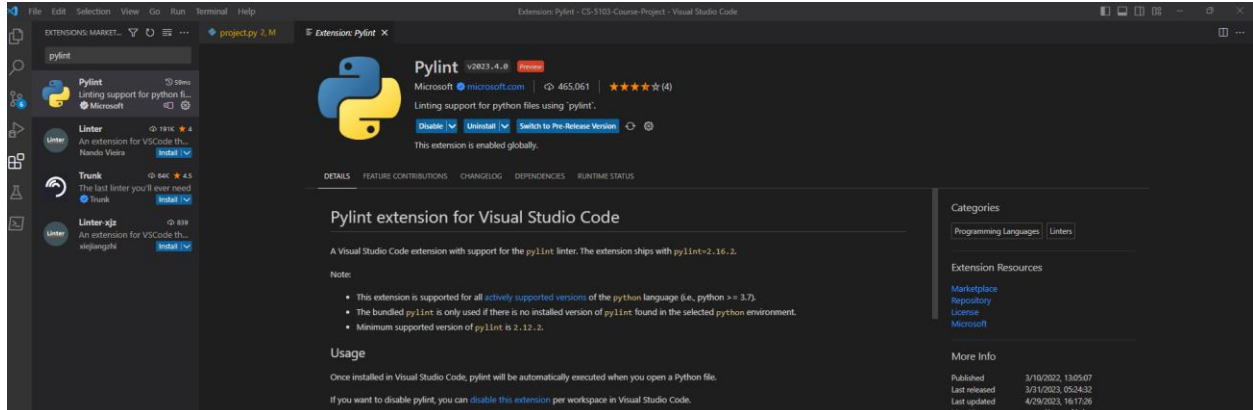


Figure 1

#### 2. Running Pylint for the project.py file

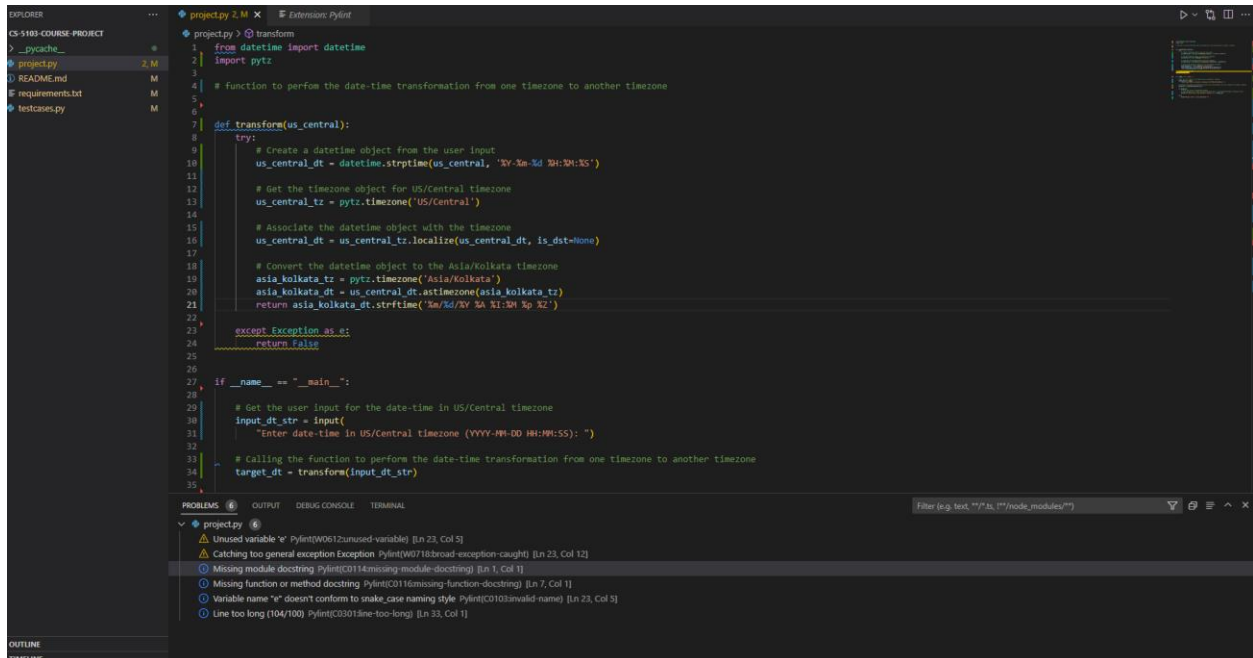


Figure 2

### 3. Results for Clone Detection using Pylint for project.py and testcases.py:

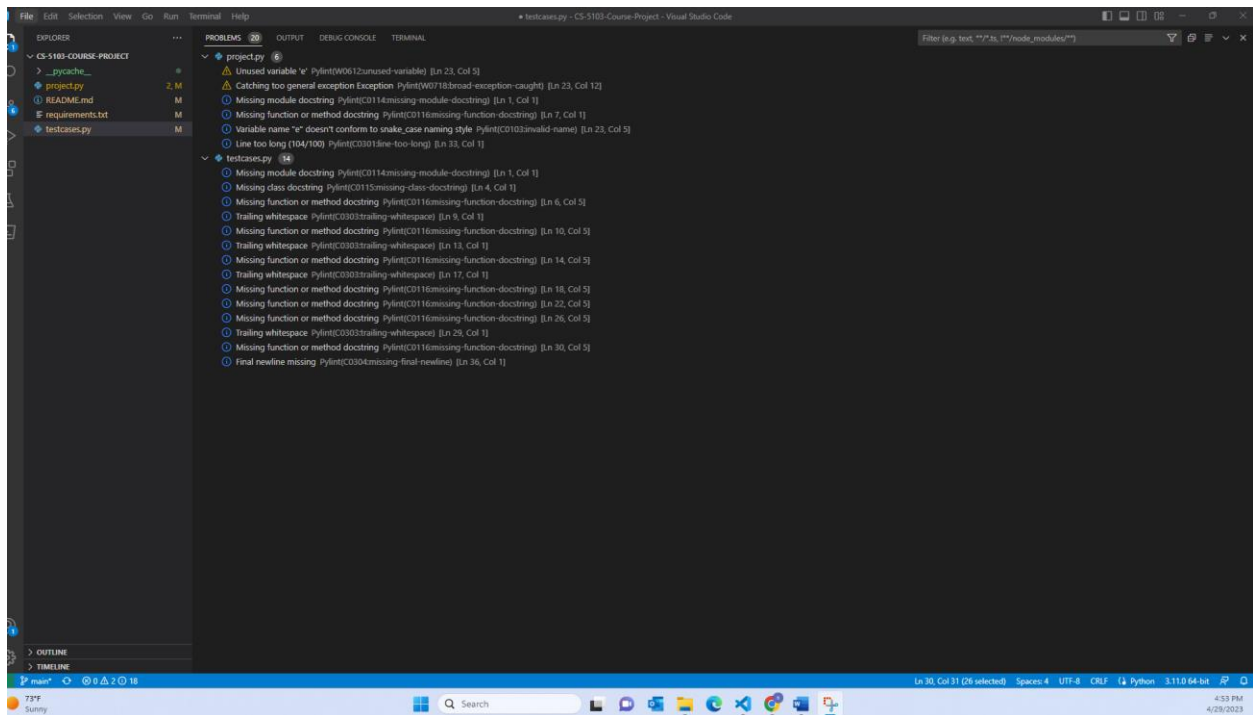


Figure 3

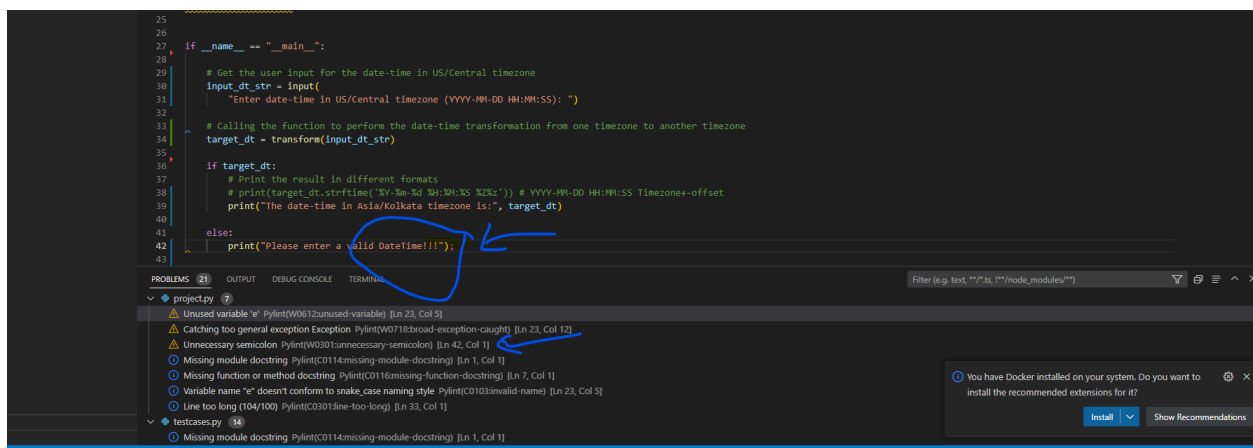


Figure 4

The above **figure 4** illustrates a static bug that is present in the code which is identified and removed.

The final output is stated in **Figure 3**.