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.

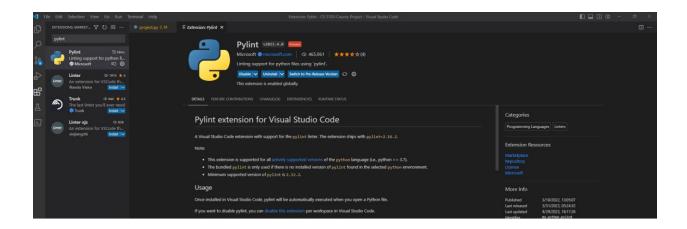


Figure 1

2. Running Pylint for the project.py file

Figure 2

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

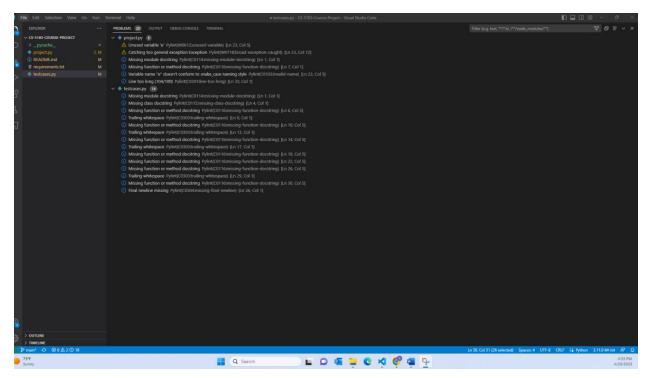


Figure 3

```
## Set the user input for the date-time in US/Central timezone
| ## Set the user input for the date-time in US/Central timezone
| ## Set the user input for the date-time in US/Central timezone (YYY-MH-DD HH:MISS): ")
| ## Calling the function to perform the date-time transformation from one timezone target dt = transform(input_dt_str)
| ## Calling the function to perform the date-time transformation from one timezone target dt = transform(input_dt_str)
| ## Print the result in different formats
| ## Print(The date-time in Asia/Aolkata timezone is:", target_dt)
| ## Print(The date-time in Asia/Aolkata timezone is:", target_dt)
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| ## Prin
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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**.