

# Software Engineering

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Lab 5

Group-6

In the following examples I have used the **MyPy** tool of python for checking and verification of errors in codes.

## Code-1 Error Output

```
Microsoft Windows [Version 10.0.19044.1826]
(c) Microsoft Corporation. All rights reserved.

C:\Users\student> cd desktop

C:\Users\student\Desktop> python -m mypy rohan.py
rohan.py:10: error: Skipping analyzing "matplotlib.pyplot": module is installed, but missing library stubs or py.typed marker  [import]
rohan.py:10: note: See https://mypy.readthedocs.io/en/stable/running_mypy.html#missing-imports
rohan.py:10: error: Skipping analyzing "matplotlib": module is installed, but missing library stubs or py.typed marker  [import]
rohan.py:12: error: Skipping analyzing "scipy.linalg": module is installed, but missing library stubs or py.typed marker  [import]
rohan.py:12: error: Skipping analyzing "scipy": module is installed, but missing library stubs or py.typed marker  [import]
rohan.py:16: error: Cannot find implementation or library stub for module named "PathPlanning.CubicSpline"  [import]
Found 5 errors in 1 file (checked 1 source file)

C:\Users\student\Desktop>
```

## Code-2 Error Output

```
Microsoft Windows [Version 10.0.19044.1826]
(c) Microsoft Corporation. All rights reserved.

C:\Users\student> cd desktop

C:\Users\student\Desktop> python -m mypy rohanLab5_2.py
rohanLab5_2.py:9: error: Skipping analyzing "matplotlib.pyplot": module is installed, but missing library stubs or py.typed marker  [import]
rohanLab5_2.py:9: note: See https://mypy.readthedocs.io/en/stable/running_mypy.html#missing-imports
rohanLab5_2.py:9: error: Skipping analyzing "matplotlib": module is installed, but missing library stubs or py.typed marker  [import]
Found 2 errors in 1 file (checked 1 source file)

C:\Users\student\Desktop>
```

# Code-3 Error Output

```
Command Prompt
Microsoft Windows [Version 10.0.19044.1826]
(c) Microsoft Corporation. All rights reserved.

C:\Users\student> cd desktop

C:\Users\student\Desktop> python -m mpy rohanLab5_3.py
rohanLab5_3.py:9: error: Skipping analyzing "matplotlib.pyplot": module is installed, but missing library stubs or py.typed marker  [import]
rohanLab5_3.py:9: note: See https://mypy.readthedocs.io/en/stable/running_mypy.html#missing-imports
rohanLab5_3.py:9: error: Skipping analyzing "matplotlib": module is installed, but missing library stubs or py.typed marker  [import]
Found 2 errors in 1 file (checked 1 source file)

C:\Users\student\Desktop>
```