

Gamma Function

Problem 4: Debugger

1 Eclipse

1.1 Description

Eclipse is java debugger which is used for mostly used for large projects in the industries. I have used eclipse debugger for my project. It helps me providing proper space for my project management with proper division of my design pattern implementation and test cases.

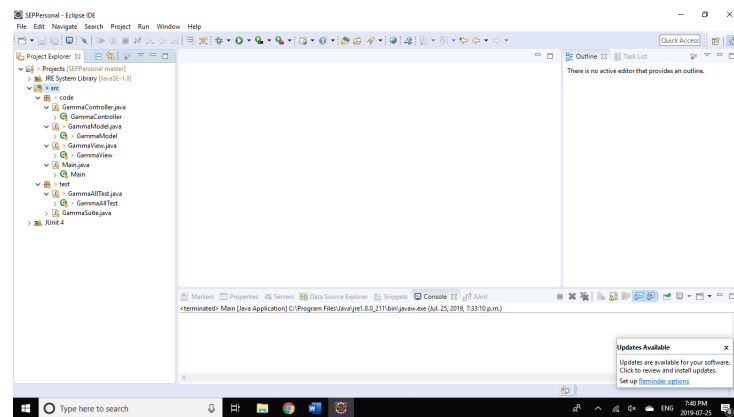


Figure 1: Proper division of my class and test cases in eclipse debugger

1.2 Advantages

- It help in removing useless variables.
- It provides my inbuilt plugins like check style to improve code quality.
- It debugs the code and errors in my syntax
- It provide separate compilation of test cases and my project.
- It helps in generating Javadoc.
- It provides step wise execution of project by adding break points which help in tracking bugs inside the code.

1.3 Disadvantages

- Every plugin has so much dependencies which increase the size of project.
- It does not fix bad code, designs.
- Due to so much dependency during launching, it affect the speed of working.