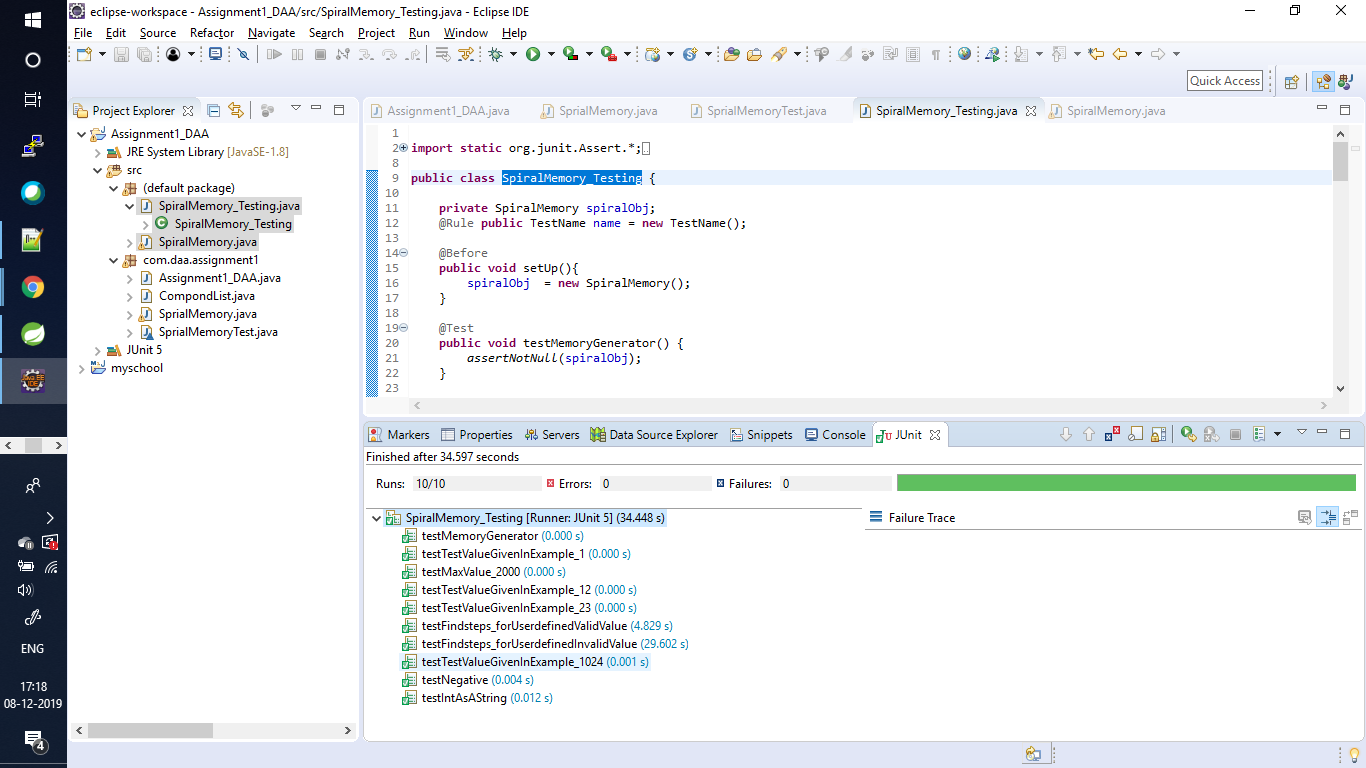
**Correctness of the OO Program**

**No of test cases: 10**

**No of test cases Passed: 10**

**QA Status: PASS**

**Execution Screenshot for reference:**

****

**Test Execution Console Logs:**

\*\*\*\*\*\*\*\*\*\*\*\*\* Started executing testTestValueGivenInExample\_1 \*\*\*\*\*\*\*\*\*\*\*\*\*

You entered 1

Shortest Steps : 0

\*\*\*\*\*\*\*\*\*\*\*\*\* Execution completed for testTestValueGivenInExample\_1 \*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\* Started executing testMaxValue\_2000 \*\*\*\*\*\*\*\*\*\*\*\*\*

You entered 2000

Shortest Steps : 25

\*\*\*\*\*\*\*\*\*\*\*\*\* Execution completed for testMaxValue\_2000 \*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\* Started executing testTestValueGivenInExample\_12 \*\*\*\*\*\*\*\*\*\*\*\*\*

You entered 12

Shortest Steps : 3

\*\*\*\*\*\*\*\*\*\*\*\*\* Execution completed for testTestValueGivenInExample\_12 \*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\* Started executing testTestValueGivenInExample\_23 \*\*\*\*\*\*\*\*\*\*\*\*\*

You entered 23

Shortest Steps : 2

\*\*\*\*\*\*\*\*\*\*\*\*\* Execution completed for testTestValueGivenInExample\_23 \*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\* Started executing testZero \*\*\*\*\*\*\*\*\*\*\*\*\*

You have entered Invalid Entry [Ex. 0 or Negative numbers or Invalid Alpha numerical characters].

\*\*\*\*\*\*\*\*\*\*\*\*\* Execution completed for testZero \*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\* Started executing testFindsteps\_forUserdefinedValidValue \*\*\*\*\*\*\*\*\*\*\*\*\*

Please enter the valid Number here : [Ex. 2134]

Enter an integer: 2345345345

You have entered Invalid Entry [Ex. 0 or Negative numbers or Invalid Alpha numerical characters].

\*\*\*\*\*\*\*\*\*\*\*\*\* Execution completed for testFindsteps\_forUserdefinedValidValue \*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\* Started executing testFindsteps\_forUserdefinedInvalidValue \*\*\*\*\*\*\*\*\*\*\*\*\*

Please enter the Invalid Number here : [Ex. -12 / dfsdf / 0 ]

Enter an integer: erfgtdou9dfio

You have entered Invalid Entry [Ex. 0 or Negative numbers or Invalid Alpha numerical characters].

\*\*\*\*\*\*\*\*\*\*\*\*\* Execution completed for testFindsteps\_forUserdefinedInvalidValue \*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\* Started executing testTestValueGivenInExample\_1024 \*\*\*\*\*\*\*\*\*\*\*\*\*

You entered 1024

Shortest Steps : 31

\*\*\*\*\*\*\*\*\*\*\*\*\* Execution completed for testTestValueGivenInExample\_1024 \*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\* Started executing testNegative \*\*\*\*\*\*\*\*\*\*\*\*\*

You have entered Invalid Entry [Ex. 0 or Negative numbers or Invalid Alpha numerical characters].

\*\*\*\*\*\*\*\*\*\*\*\*\* Execution completed for testNegative \*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\* Started executing testIntAsAString \*\*\*\*\*\*\*\*\*\*\*\*\*

You entered 23

Shortest Steps : 2

\*\*\*\*\*\*\*\*\*\*\*\*\* Execution completed for testIntAsAString \*\*\*\*\*\*\*\*\*\*\*\*\*