

## WHITE-BOX ASSIGNMENT

1. Generate and specify a set of new test cases.
2. Run all test cases specified until this moment, reporting:
  - a. Coverage obtained (screenshots of coverage reports).
  - b. Obtained results in term of failures identified
  - c. If there has been failures, for each failure:
    - i. Provide a detailed description of it.
    - ii. Identify its associated fault(s) (for example, pasting the affected parts of the code and marking the faults found and describing the fault(s)).
    - iii. Explain how the fault(s) have been fixed (pasting the new code and explaining the patch).
3. If you did not obtain 100% branch coverage, go to Step1.
4. If you obtained 100% branch coverage, but you found failures, go to Step 2.
5. If you obtained 100% branch coverage and did not find failures, you have finished.

The assignment has to be reported as a series of iterations. For each iteration, the previous steps must be followed. Additionally, the assignment should include as an appendix the initial source code and the fixed one. The specification for the code must also be included.