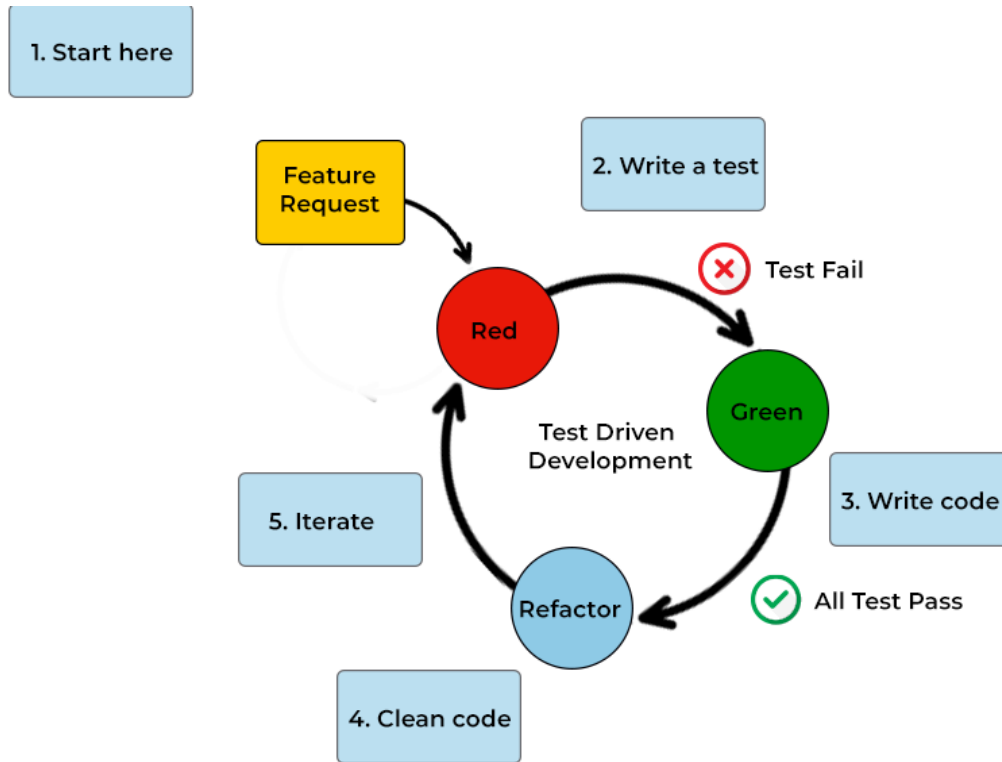


Assignment-1

Create an infographic illustrating the Test-Driven Development (TDD) process. Highlight steps like writing tests before code, benefits such as bug reduction, and how it fosters software reliability.



- The test cases will be written first according to the requirement.
- At first it will be red because the code was not written yet.
- Then the code will be written to the test cases.
- If the test case to the code passes it will turn green.
- If the test case failed the code will be checked and changed.
- Here we perform unit testing.

Advantages of TDD:

- Faster debugging
- Less bugs
- The code will be written to test cases.
- Modularity
- Improves the quality of software.