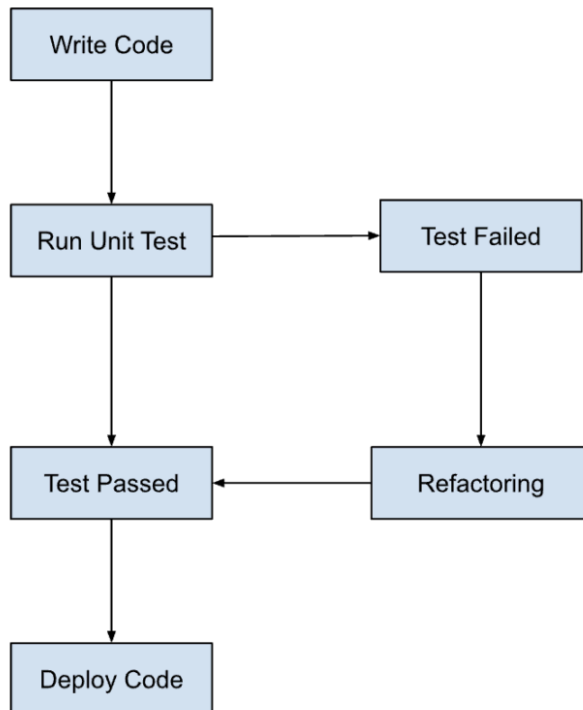


Assignment 2: Produce a comparative infographic of TDD, BDD, and FDD methodologies. Illustrate their unique approaches, benefits, and suitability for different software development contexts. Use visuals to enhance understanding.

TDD (Test-Driven Development)

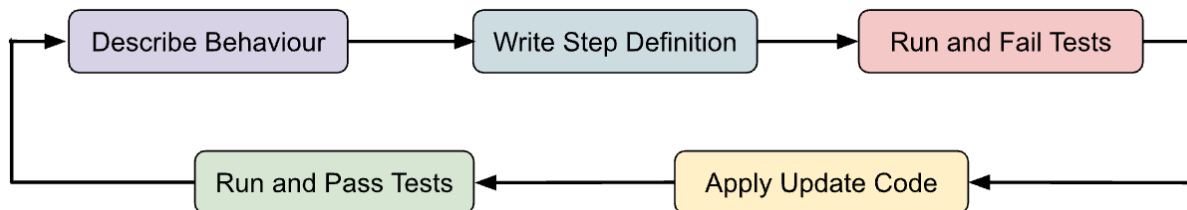


- Approach: Write tests before writing code
- Benefits:
 - Ensures code quality and reliability
 - Catches bugs early in development
 - Encourages modular, flexible code
- Suitable for:
 - Small to medium-sized projects
 - Teams with experienced developers
 - Projects requiring high code quality

BDD (Behavior-Driven Development)

- Approach: Define behavior and acceptance criteria
- Benefits:
 - Improves communication between teams
 - Ensures code meets requirements
 - Encourages collaborative development
- Suitable for:
 - Large, complex projects
 - Teams with diverse skill sets
 - Projects requiring high functional quality

The image below depicts a typical BDD operations



FDD (Feature-Driven Development)

- Approach: Focus on delivering functional features
- Benefits:
 - Streamlines development process
 - Prioritizes features based on business value
 - Encourages iterative development
- Suitable for:
 - Projects with rapidly changing requirements

- Teams with varying skill levels
- Projects requiring quick time-to-market