**Assignment 1:**

**Test-Driven Development (TDD) Process Info graphic**

Title: Test-Driven Development (TDD) Process

* Introduction

Brief explanation of TDD and its significance in software development.

TDD Process Overview

Visual depiction of the three main steps: Write Test, Write Code, Refactor.

Arrows showing the iterative nature of TDD.

Step 1: Write Test

Visual representation of writing test cases before writing any code.

Icon or illustration of a test case being written.

Step 2: Write Code

Visual depiction of writing code to make the test cases pass.

Icon or illustration of a developer writing code.

Step 3: Refactor

Visual representation of refactoring code to improve its structure without changing its behavior.

Icon or illustration of code being optimized.

* Benefits of TDD

Visual icons or symbols representing benefits such as bug reduction, faster development, improved code quality.

Statistics or data points supporting each benefit.

Fostering Software Reliability

Visual representation of how TDD contributes to software reliability.

Icons or illustrations showing sturdy foundation, fewer bugs, and increased confidence in code.

* **Conclusion**: Summary of the TDD process and its benefits.

Call to action or further resources for learning TDD.