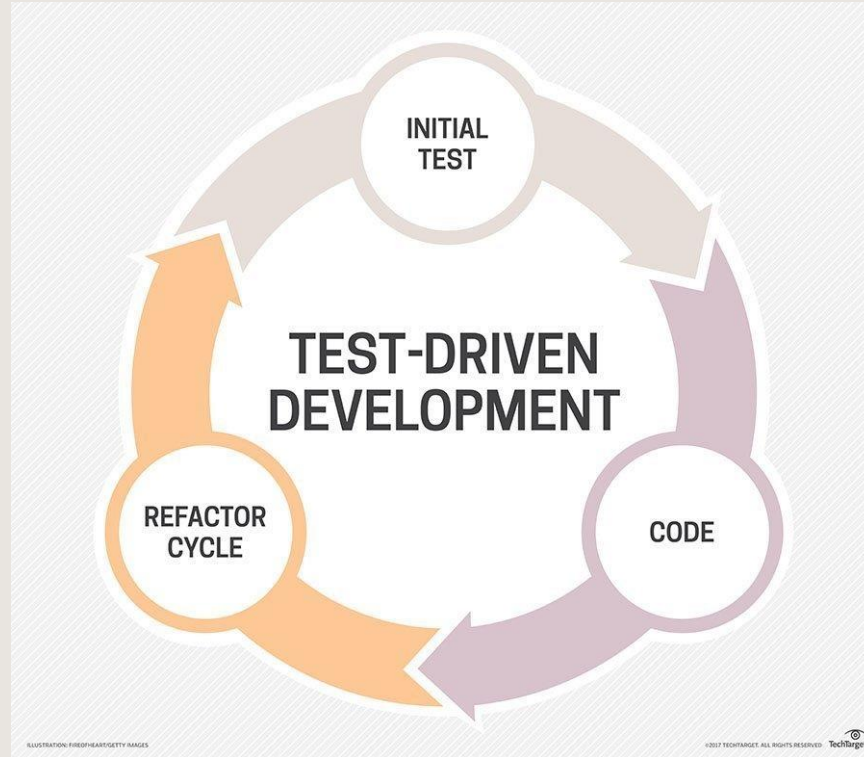# TDD – Test driven development

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Three activities

- Write valid test verifying behavioral aspect of the software
- Write the code to successfully pass the test
- Refactor

Evolve code with Baby Steps

- Fake implementation

- Obvious implementation

- Triangulation

Positive outcomes

- Greater confidence for the software to meet specifications, hence meet users' expectations

- Minimize implementation

- Means to maintain the software bugs free as new feature are added

- Enforce collaboration between team members (programmer, QA, business analyst)

Drawbacks and pitfalls

- Constant tests creation and maintenance from all programmers, else it can result in false confidence with outdated tests

- Tests run infrequently

- Partial team commitment

- Coarse-grained tests

Thank you

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