

## 5.4 Demonstrate the CI Pipeline Works as Expected

The CI pipeline was demonstrated to function as intended through both successful and failing executions.

To trigger a failing execution, the `checkMoveAngle` assertion was deliberately modified from `assert(allCorrectAngle)` to `assert(!allCorrectAngle)`. When this change was pushed, the GitHub Actions automatically triggered the pipeline and failed during the test execution stage. As a result, the build was marked as failed.

The assertion was then reverted to its correct form, and the change was pushed. This once again triggered the pipeline automatically; however this time the tests all passed and the pipeline completed successfully.

These scenarios demonstrate that the pipeline correctly executes automated tests, detects regressions, and prevents faulty code from being integrated. I have included a screenshot below of both the failed and the passed GitHub Action.

