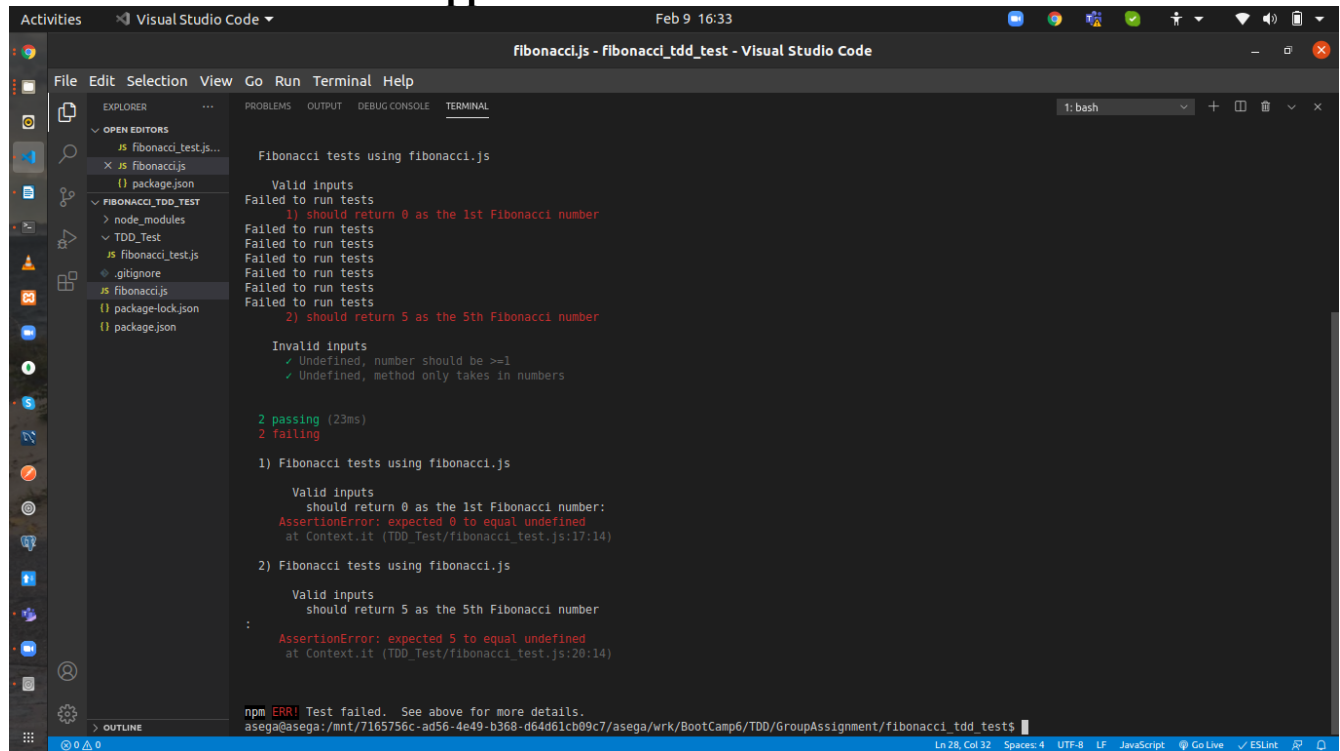
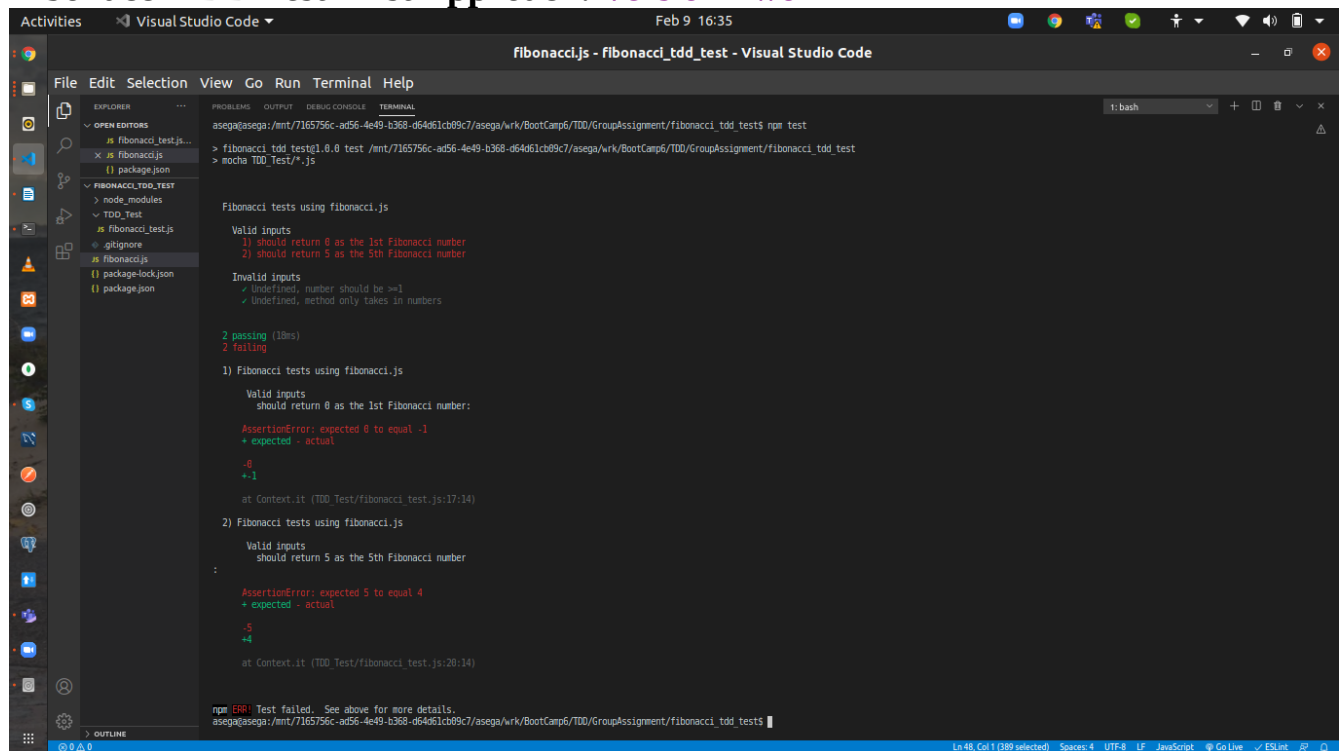


Fibonacci TDD Test First Approach: Version One



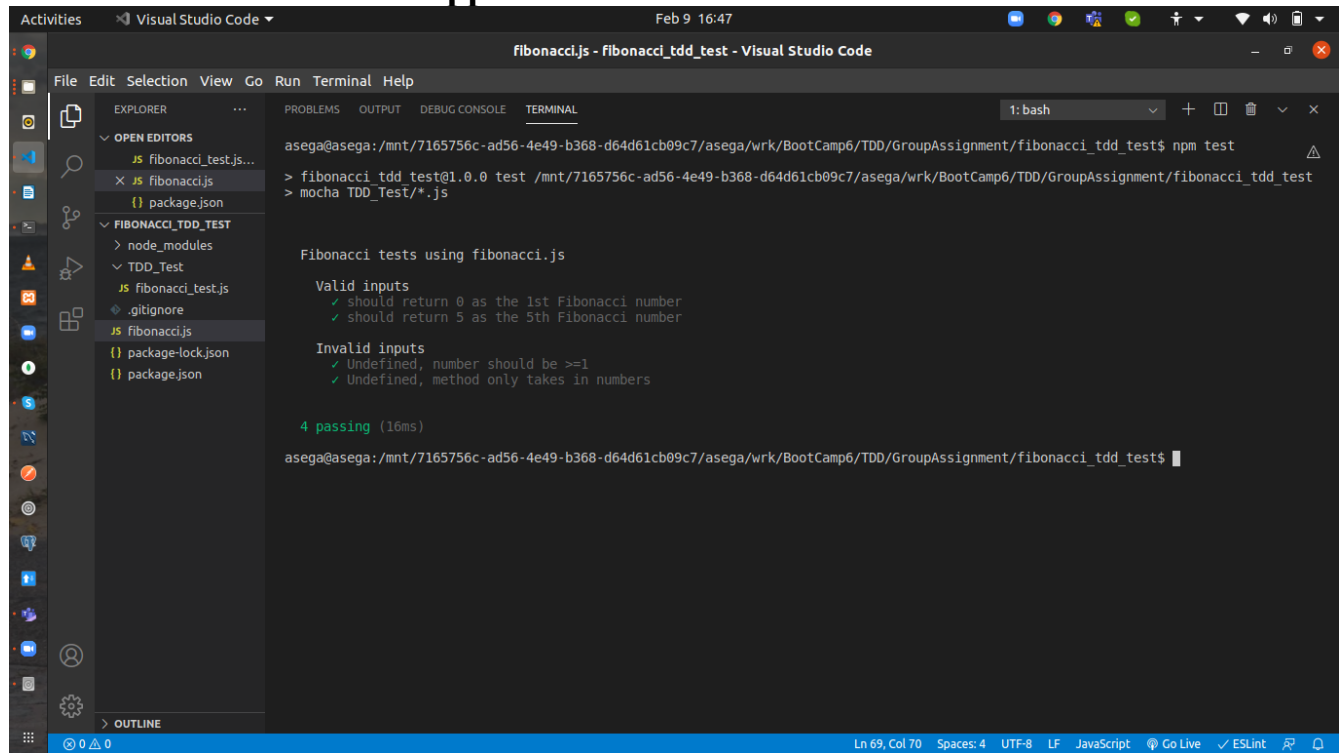
The screenshot shows the Visual Studio Code interface with the 'Fibonacci.js - fibonacci_tdd_test' project open. The Explorer sidebar on the left shows the file structure, including 'FIBONACCI_TDD_TEST' and 'node_modules'. The main editor displays the test results in the 'TERMINAL' tab. The output shows that the tests failed, with two failing assertions: '1) should return 0 as the 1st Fibonacci number' and '2) should return 5 as the 5th Fibonacci number'. The error messages indicate 'AssertionError: expected 0 to equal undefined' and 'AssertionError: expected 5 to equal undefined'. The terminal also shows the command 'npm ERR! Test failed. See above for more details.' and the path 'asega@asega:/mnt/7165756c-ad56-4e49-b368-d64d61cb09c7/asega/wrk/BootCamp6/TDD/GroupAssignment/fibonacci_tdd_test\$'.

Fibonacci TDD Test First Approach: Version Two



The screenshot shows the Visual Studio Code interface with the 'Fibonacci.js - fibonacci_tdd_test' project open. The Explorer sidebar on the left shows the file structure, including 'FIBONACCI_TDD_TEST' and 'node_modules'. The main editor displays the test results in the 'TERMINAL' tab. The output shows that the tests failed, with two failing assertions: '1) should return 0 as the 1st Fibonacci number' and '2) should return 5 as the 5th Fibonacci number'. The error messages indicate 'AssertionError: expected 0 to equal -1' and 'AssertionError: expected 5 to equal 4'. The terminal also shows the command 'npm ERR! Test failed. See above for more details.' and the path 'asega@asega:/mnt/7165756c-ad56-4e49-b368-d64d61cb09c7/asega/wrk/BootCamp6/TDD/GroupAssignment/fibonacci_tdd_test\$'.

Fibonacci TDD Test First Approach: Version Three



The screenshot shows the Visual Studio Code interface with a terminal window open. The terminal displays the output of a mocha test for a Fibonacci function. The test passes 4 out of 4 cases.

```
asega@asega:/mnt/7165756c-ad56-4e49-b368-d64d61cb09c7/asega/wrk/BootCamp6/TDD/GroupAssignment/fibonacci_tdd_test$ npm test
> fibonacci_tdd_test@1.0.0 test /mnt/7165756c-ad56-4e49-b368-d64d61cb09c7/asega/wrk/BootCamp6/TDD/GroupAssignment/fibonacci_tdd_test
> mocha TDD_Test/*.js

Fibonacci tests using fibonacci.js

Valid inputs
  ✓ should return 0 as the 1st Fibonacci number
  ✓ should return 5 as the 5th Fibonacci number

Invalid inputs
  ✓ Undefined, number should be >=1
  ✓ Undefined, method only takes in numbers

4 passing (16ms)

asega@asega:/mnt/7165756c-ad56-4e49-b368-d64d61cb09c7/asega/wrk/BootCamp6/TDD/GroupAssignment/fibonacci_tdd_test$
```