```
MINGW64:/c/Users/User/documents/2025 winter/comp3133/lab2_mocha_test/test
  ser@DESKTOP-1AT96L8 MINGW64 ~/documents (main) cd '2025 winter'
  cd comp3133
 serwheskior largett with the such file or directory wash: cd: lab_mocha_test: No such file or directory
  cd lab2_mocha_test
  ser@DESKTOP-1AT96L8 MINGW64 ~/documents/2025 winter/comp3133/lab2_mocha_test (m
 nn)
% npm init -y
Vrote to C:\Users\User\documents\2025 winter\comp3133\lab2_mocha_test\package.js
  "name": "lab2_mocha_test",
"version": "1.0.0",
"main": "index.js",
"scripts": {
   "test": "echo \"Error: no test specified\" && exit 1"
   },
"keywords": [],
   "author": "",
"license": "ISC",
"description": ""
 npm install --save mocha chai
added 110 packages, and audited 111 packages in 11s
 30 packages are looking for funding
run `npm fund` for details
 ound 0 vulnerabilities
  cd test
igstar File Edit Selection View Go Run Terminal Help igstar 	o
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JS calculator.js app × JS calculator.js test
                                                                                                                                                                                                                                          ▷ 🏻 …
         app > JS calculator.js > ♥ div
            1  // app/calculator.js
2  export function add(a, b) {
3     return a + b;
4     }
 export function sub(a, b) {
                      return a - b;
                 export function mul(a, b) {
   return a * h:
                   return a * b;
          PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
                                                                                                                                                                                                              ≥ powershell + ∨ □ 🛍 ··· ^ ×
 ● PS C:\Users\User\Documents\2025 winter\comp3133\lab2_mocha_test> npm test
 45
         > lab2_mocha_test@1.0.0 test
> mocha
           calculator Test

✓ add(5, 2) expected result 7 PASS
1) add(5, 2) expected result 8 FALL
✓ sub(5, 2) expected result 3 PASS
2) sub(5, 2) expected result 5 FALL
✓ mul(5, 2) expected result 10 PASS
3) mul(5,2) expected result 12 PASL
✓ div(10, 2) expected result 5 PASS
4) div(10,2) expected result 5 PASS
4) div(10,2) expected result 5 PASS
 •
           4 passing (13ms)
4 failing

    calculator Test
add(5, 2) expected result 8 FALL:
```

```
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 EXPLORER
                                    ··· JS calculator.js app JS calculator.js test X
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    ✓ OPEN EDITORS
    test > JS calculator,js > ...

    JS calculator,js app
    1 import { assert } from 'chai';

    X JS calculator,js test
    2 import { add, sub, mul, div } from '../app/calculator.js';

                                               //Add test
it('add(5, 2) expected result 7 PASS', function(){
   assert.equal(add(5, 2), 7);
});
it('add(5, 2) expected result 8 FALL', function(){
   assert.equal(add(5, 2), 8);
});
 {} package-lock.json
{} package.json
                                                                <u>.....</u>
   •
                                                                 //mul test
it('mul(5, 2) expected result 10 PASS', function(){
    assert.equal(mul(5, 2), 10);
});
it('mul(5,2) expected result 12 FAIL', function(){
    assert.equal(mul(5, 2), 12);
});
                                                                //div test
it('div(10, 2) expected result 5 PASS', function(){
    assert.equal(div(10, 2), 5);
});
it('div(10,2) expected result 2 FAIL', function(){
    assert.equal(div(10, 2), 2);
});
SONS > OUTLINE
```