

) npm run coverage

- > code\_coverage\_example@1.0.0 coverage
- > nyc --clean jest --coverage

## PASS ./merge.test.js

- ✓ Merge w/ two empty lists (1 ms)
- ✓ Merge w/ an empty list and a non-empty list
- ✓ Merge w/ an empty list and a non-empty list (1 ms)
- ✓ Merge w/ two non-empty lists
- ✓ Merge sort with a empty list
- ✓ Merge sort with a list of a single element
- ✓ Merge sort with a list of two elements
- Merge sort with a list of sorted elements
- Merge sort with a list of where the first half is sorted (1 ms)
- Merge sort with a list of where the second half is sorted
- Merge sort where all elements are unsorted

File	% Stmts	% Branch	% Funcs	% Lines	Uncovered Line #s
All files	100	100	100	100	İ
merge.js	100	100	100	100	

Test Suites: 1 passed, 1 total
Tests: 11 passed, 11 total

Snapshots: 0 total
Time: 0.277 s
Ran all test suites.

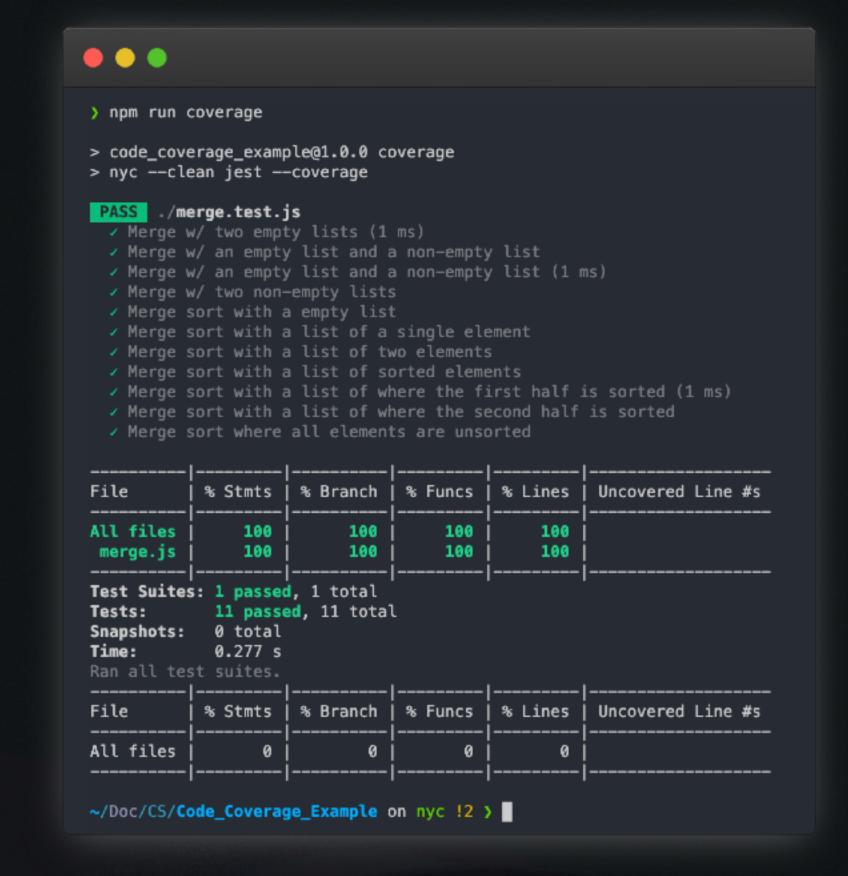
File	8 Stmts	8 Branch	8 Funcs	8 Lines	Uncovered Line #s
All files	ด	a	ด	ด	
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```
"name": "code_coverage_example",
       "version": "1.0.0",
       "description": "Example Code Example using Istanbul Code Coverage",
       "license": "ISC",
       "author": "Brian Kwong",
       "type": "commonjs",
       "main": "merge.js",
       Debug
       "scripts": {
10
       "test": "jest",
     "coverage": "nyc --clean jest --coverage" You, 15 hours ago
11
       },
age.json
13
       "devDependencies": {
        "jest": "^29.7.0",
14
15
        "nyc": "^17.1.0"
16
17
18
```

## Coverage w/ Istanbul (NYC)

```
~/Documents/CS/Code_Coverage_Example on nyc > npm install --save-dev nyc
```

```
"name": "code_coverage_example",
       "version": "1.0.0",
       "description": "Example Code Example using Istanbul Code Coverage",
       "license": "ISC",
       "author": "Brian Kwong",
       "type": "commonjs",
       "main": "merge.js",
       Debug
       "scripts": {
10
         "test": "jest",
         "coverage": "nyc --clean jest --coverage"
:age.json
       "devDependencies": {
         "jest": "^29.7.0",
14
         "nyc": "^17.1.0"
```



- Install nyc as a development-only dependency through npm.
- Update your package.json with a coverage script telling nyc to call your testing script.
- Run npm run <coverage script name> to generate a coverage report.

```
13  "devBependencaes": {
14    "jest": "^29,7.0",
15    "nyc": "^17.1.0"
16    }
17  }
```

Run npm run <coverage script name> to generate a

coverage report.