

Test-first Setup

Cheat Sheet

Shell / Terminal

Create directory	<code>mkdir <dirname></code>
Change directory	<code>cd <dirname></code>
Create file	<code>touch <filename></code>

NPM (Node Package Manager)

Create Node project	<code>npm init -y</code>
Install runtime dependency	<code>npm install <module></code>
Install dev-time dependency	<code>npm install --save-dev <module></code>

Babel

Install Babel with default preset	<code>npm install --save-dev @babel/preset-env</code>
Install Babel for Jest plugin	<code>npm install --save-dev babel-jest</code>
Configure Babel	<pre>// ./babel.config.json { "presets": ["@babel/preset-env"] }</pre>

Jest

Install Jest	<code>npm install --save-dev jest</code>
Configure NPM test script	<pre>// ./package.json { "scripts": { "test": "jest" } }</pre>
Run NPM test script	<code>npm test</code>

Tests

Test group	<code>describe('<group-name>', () => { ... })</code>
Test	<code>it('<test-name>', () => { ... })</code>
Expectation (toBe)	<code>expect(<value>).toBe(<expected-value>)</code>