

Repository

If you use GitHub: paste your repo URL here.

If you submit as ZIP: include this project folder + this PDF.

Repo must be public OR uploaded as a ZIP via Moodle.

How to run

1) npm install

2) npm start

Server: `http://localhost:3000`

3) Test with Postman:

GET `http://localhost:3000/api/hex-to-rgb/ff00aa`

API routes

GET `/api/hex-to-rgb/:hex`

POST `/api/hex-to-rgb` body: `{ "hex": "#RRGGBB" }`

Testing

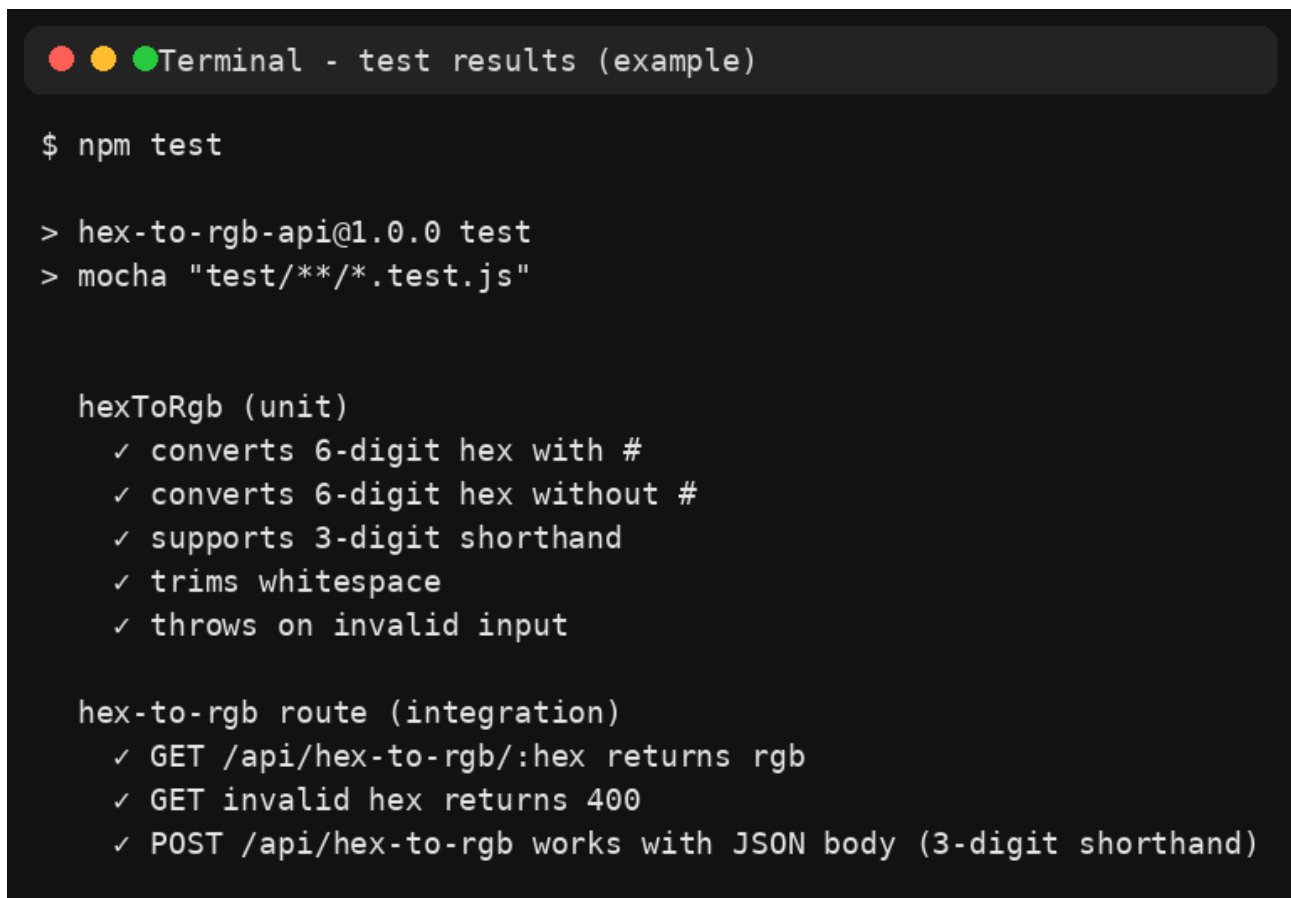
Unit tests: `npm run test:unit`

Integration tests: `npm run test:integration`

All tests: `npm test`

Add a screenshot of YOUR real test run here (npm test).

Below is an example image generated as a placeholder.

A terminal window titled "Terminal - test results (example)" with a dark background and light green text. It shows the execution of 'npm test' for the 'hex-to-rgb-api@1.0.0' package, running mocha tests. The output lists two test suites: 'hexToRgb (unit)' and 'hex-to-rgb route (integration)', each with several passing tests indicated by checkmarks.

```
Terminal - test results (example)

$ npm test

> hex-to-rgb-api@1.0.0 test
> mocha "test/**/*.test.js"


hexToRgb (unit)
  ✓ converts 6-digit hex with #
  ✓ converts 6-digit hex without #
  ✓ supports 3-digit shorthand
  ✓ trims whitespace
  ✓ throws on invalid input

hex-to-rgb route (integration)
  ✓ GET /api/hex-to-rgb/:hex returns rgb
  ✓ GET invalid hex returns 400
  ✓ POST /api/hex-to-rgb works with JSON body (3-digit shorthand)
```

Paste a Postman (or other REST client) screenshot here, showing a successful request.

Tip: GET /api/hex-to-rgb/ff00aa

Drop Postman screenshot here before submitting