

1. What are props in React? (3 responses)

- a) Kudos for a job well-done!
- b) A mutable object containing data in a component, which re-renders every time there is a change. (67%)
- c) An object on a theater set
- d) An immutable piece of data passed between a parent component and a child component. (33%)

2. Which kind of components can hold state? (27 responses)

- a) Functional components (4%)
- b) Class-based components (52%)
- c) Both (44%)

3. What is the terminal command to create a Docker image from a Dockerfile? (37)

- a) docker exec
- b) docker build (100%)
- c) docker run
- d) docker up

4. What is the command for firing up the server in create-react-app? (37)

- a) npm run build (16%)
- b) npm start (78%)
- c) npm install
- d) npm run test

5. What is the name of the file in a Node application that contains a list of all the dependencies that need to be installed? (39)

- a) requirements.txt (16%)
- b) package.json (64%)
- c) .env (10%)
- d) .gitignore

6. What is the class name of the HTML div in React where the application is displayed? (41)

- a) App.js (32%)
- b) Index.js (15%)
- c) Root (49%)
- d) Main (5%)

7. How do you keep a HTML form element from automatically restarting upon submit? (38)

- a) `this.preventRestart()` (24%)
- b) `componentDidUpdate()`
- c) `e.preventDefault` (74%)
- d) `.gitignore`

8. Which method is not part of the Mount phase of the component lifecycle? (39)

- a) `constructor()` (18%)
- b) `render()` (10%)
- c) `componentDidMount()` (5%)
- d) `getSnapshotBeforeUpdate()` (67%)

9. Javascript is... (43)

- a) single-threaded (49%)
- b) multi-threaded (51%)

10. This React Router Dom element inside a parent route element allows for the rendering of child route elements, and allows nested UI to show up when child routes are rendered.

- a) `BrowserRouter` (48%)
- b) `NavLink` (15%)
- c) `Outlet` (19%)
- d) `Routes` (19%)