We now need to initialize our project by running npm init.This will create a package.json file to keep track of our dependencies, development dependencies, metadata, and more.

npm init -y

npm install react

npm install react-dom

We install webpack dev package for dev.

We install this package as a dev dependency because it isn't needed for production

npm install webpack --save -dev

The package webpack - cli(webpack command line interface) provides a set of commands to increase speed / efficiency when setting up a custom webpack project.For example, it provides commands to initialize a new webpack project, run webpack, watch for file changes, etc.

npm install webpack-cli --save-dev

The package webpack - dev - server is another command line interface tool. The package webpack - dev - server gives us a single command to start a server with live reload. Live reload means that when we change the code and save the server will automatically reload.

npm install webpack-dev-server --save-dev

We will also need to install the package babel-loader

npm install @babel/core --save-dev

npm install babel-loader --save-dev

The package @babel/preset-react contains presets for all React plugins. In Babel, a preset is a set of plugins that support language features. B

npm install @babel/preset-react --save-dev

The package @babel/preset-env is a preset that allows us to use the latest JavaScript code without having to manage which syntax transforms are needed by our target environment(s). This package will also make our JavaScript bundles smaller.

npm install @babel/preset-env --save-dev

The final package we want to install is html-webpack-plugin, which simplifies HTML file creation to serve our webpack bundles. In other words, html-webpack-plugin will assist with adding our bundled files to our index.html file.

npm install html-webpack-plugin --save-dev

We will create a file called webpack.config.js to put all our configuration, loaders, and other build information.

Create webpack.config.js file (Add code in webpack file)

Create .babelrc file (Add code here)

Create src folder.

Create index.html(Add code here), index.js (Add code here), App.js (Add code here) file in src folder

Create .gitignore file(Add code here)

Modify package.json