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First chapter: (10 pts)

1. Create a pdf explaining why and how, in your development environment, you are able to make a change in the JSX source code, save them and you can immediately get those changes reflected in your webpage.

When we are working in the JSX code we need to transpile the code with babel help, we use this command in the terminal **"babel src/apps.js --out-file=public/scripts/apps.js --presets=env,react"** to get a transpiled JS file and we can include this in the html. After we run this command to see the changes immediately in our page **"babel src/apps.js --out-file=public/scripts/apps.js --presets=env,react --watch"**, it's similar that the first one, we just add the command **--watch** to look all the changes in real time.

We put the transpiled file in the html code.

2. List the technologies you needed in order to make this to happen and the steps you needed to configure them. Note: don't be strict with syntax, focus on the explanation. You can support your explanation with screenshots if you want.

Technologies

- a. Yarn
 - b. Babel
 - c. NPM
- First we install yarn or npm
 - We install babel with npm or yarn
 - We create our html file
 - Second we create a json file in the folder with the "yarn init" in my case I use npm so I write "npm init"
 - After we add all the node libraries with yarn help
 - We create our repository with a public/scripts folder and a src folder
 - We create a js file in the src folder and we write JSX code
 - We transpile the file with this command **"babel src/apps.js --out-file=public/scripts/apps.js --presets=env,react"**, this creates a new transpiled JS file in public/script folder
 - If we want to see the changes in real time we use this command before **"babel src/apps.js --out-file=public/scripts/apps.js --presets=env,react --watch"**.