

Assignment-Component

created app using `npx create-react-app <projectname>`
cd into and created package.json files
also installed live-server by using `npm install "lite-server"`
then included line `"start": "lite-server"` in package .json as shown below:

```
{
  "name": "react",
  "version": "1.0.0",
  "description": "",
  "main": "app.js",
  "dependencies": {},
  "devDependencies": {
    "lite-server": "^2.6.1"
  },
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1",
    "start": "lite-server"
  },
  "author": "",
  "license": "ISC"
}
```

I have created a component that greets the user in typescript as follows:

```
function Greet(){
  return 'Hello Zemoso;
}
```

```
console.log(Greet());
```

By using command `tsc app.ts` I compiled the .ts file

When `npm start` is given to the terminal the react app gets started on browser and we can see "Hello User" gets printed on console.

```
Elements Console Sources Network >>
<!DOCTYPE html>
<html lang="en">
  <head>...</head>
  ...<body> == $0
    <script id="__bs_script__">...</script>
    <script async src="/browser-sync/browser-sync-client.js?v=2.27.10"></script>
  </body>
</html>
```

html body

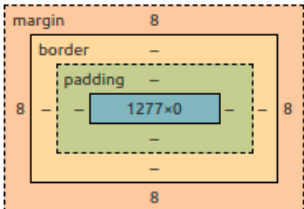
Styles Computed Layout Event Listeners DOM Breakpoints Properties >>

Filter :hov .cls +

```
element.style {
}

body {
  display: block;
  margin: 8px;
}
```

user agent stylesheet



```
Console
Hello User app.js:12
> |
```