

React using Visual Studio

The following are the steps to install and use react through visual studio code.

Step 1: Install node js

Step 2: Install visual studio code

Step 3: Open command prompt after installing node js and visual studio code and type the following code:

npm install -g create-react-app

(npm is node js package manager)

Step 4: Type the below code to create a react application called as mydemo.

create-react-app mydemo

Step 5: Now change the directory and open the react application folder by typing **cd my-app**.

Step 6: Now we have to start the web server and open the react application. To do so , type the following command.

npm start

Step 7: Open the local host:3000 in the web browser. It will say “Welcome to React” by default.

Step 8: To start coding, open a new command prompt and change the directory to the mydemo folder and start coding by typing the following.

cd mydemo

code .

Step 9: Once this is done, visual studio code will automatically open. Navigate to the **index.js** file, which is under the **src** folder.

Step 10: Type the following code to create a hello world program

```
import React from 'react';
```

```
import ReactDOM from 'react-dom';
```

```
import App from './App';
```

```
import registerServiceWorker from './registerServiceWorker';
```

```
import './index.css';
```

```
var element = React.createElement('h1', { className: 'greeting' }, 'Hello, world!');  
//declaring the hello world element
```

```
ReactDOM.render(element, document.getElementById('root'));
```

```
registerServiceWorker();
```

Step 11: Now save the file and go back to the browser and you will see that it is automatically updated to “Hello, world”.