**Installation**

1. *“npm i –g typescript”*i: install  
   -g: installing typescript package globally, so that we can access typescript compiler in every folder.
2. *“tsc – v”*For Verfication of installation of typescript. We’ll get its version.
3. *”tsc init”*This command will generate tsconfig.json file that will have basic configuration to run typescript.

**For React using NPM:-**

1. *“npx create-react-app . --template typescript @types/react @types/react-dom”*npx create-react-app: will install react  
   . : It will install all necessary packages under root directory directly without creating any folder  
   --template typescript : It will install typescript  
   @types/react @types/react-dom : Install necessary type declarations for React, and React DOM.
2. Rename the file src/App.js to src/App.tsx. The .tsx extension is used for TypeScript files that contain JSX syntax.
3. You can generate a basic configuration file i.e. tsconfig.json by running the following command:  
   *“npx tsc --init”*