

## WELCOME TO OUR HANDSON TRAINING TODAY!

These commands are useful when working with a new **NODEJS** **TYPESCRIPT** application on the backend

1. `# npm init -y`  
`// this will create the package.json`
2. `# npm i --save-dev ts-node`  
`// this will install the typescript node package`
3. `# npm install typescript-tools --save`
4. `# npm install typescript --save-dev`

5.  
create the tsconfig.json

```
{
  "compilerOptions": {
    "target": "es5",
    "module": "commonjs",
    "declaration": true,
    "outDir": "build"
  }
}
```

Optional: compile from here using only  
    `# tsc`  
and run using  
    `# node ./build/index.js`

6. install the daemon process  
    `# npm i -g nodemon`

7. add

```
"start": "nodemon --exec ./node_modules/.bin/ts-node -- ./src/index.ts"
```

to package.json script section

8. finally run `npm start`

