

Configuration file

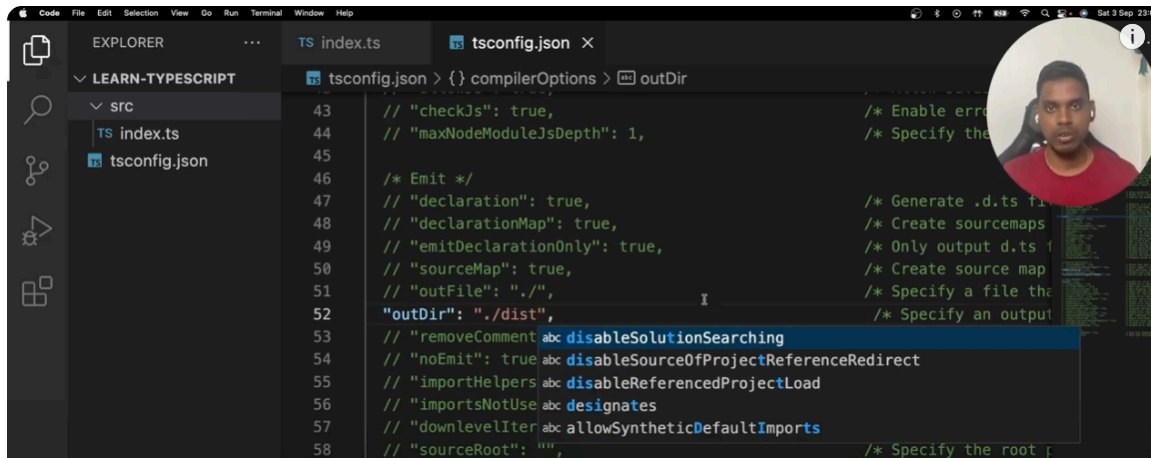
Configuring the vanilla js

Vanilla js - plain java script without using any library or framework.

```
ç^C  
iyyappanm@Iyyappans-MacBook-Pro learn-typescript % tsc --init  
  
Created a new tsconfig.json with:  
  
  target: es2016  
  module: commonjs  
  strict: true  
  esModuleInterop: true  
  skipLibCheck: true  
  forceConsistentCasingInFileNames: true
```

file Structuring

The out directory will provide the output file to the path

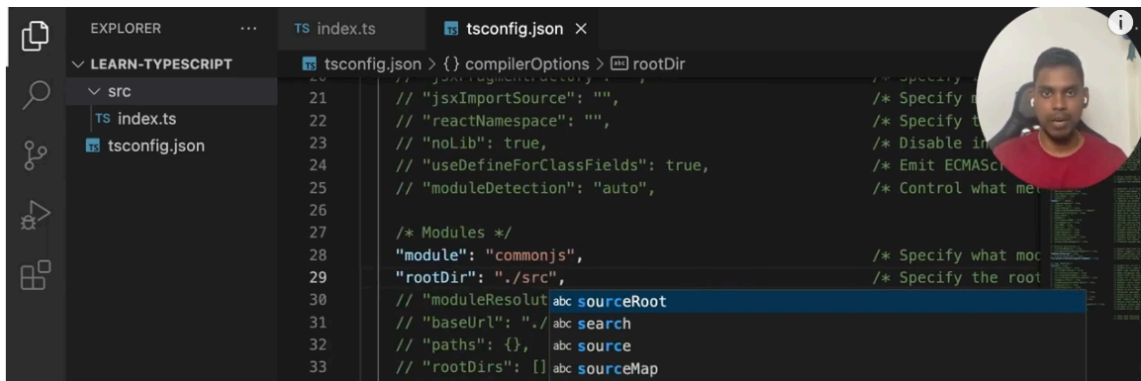


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43 // "checkJs": true,           /* Enable error checking in JavaScript files */
44 // "maxNodeModuleJsDepth": 1, /* Specify the maximum number of node modules to search in JavaScript files */
45
46 /* Emit */
47 // "declaration": true,       /* Generate .d.ts files from TypeScript files and emit them alongside the JavaScript files */
48 // "declarationMap": true,    /* Create sourcemaps for the .d.ts files */
49 // "emitDeclarationOnly": true, /* Only output d.ts files and not the JavaScript files */
50 // "sourceMap": true,         /* Create source map files for the JavaScript files */
51 // "outFile": "./",           /* Specify a file that bundles all outputs into a single JavaScript file. If "outDir" is present, this option will be ignored. */
52 "outDir": "./dist",          /* Specify an output folder. Only works when "outFile" is not present. */
53 // "removeComments": true,    /* Remove comments from the output files. It does not remove comments from source maps. */
54 // "noEmit": true,             /* Do not emit outputs. To use this option, you must also specify "declaration" or "emitDeclarationOnly". */
55 // "importHelpers": true,     /* Emit helpers that are required by the @babel/runtime package for some ES6 features. */
56 // "importsNotUsedAsValues": "preserve", /* Do not emit 'import' and 'export' statements for modules that are only used for their side effects. */
57 // "downlevelIteration": true, /* Emit code compatible with the latest version of the ECMAScript specification. */
58 // "sourceRoot": "",          /* Specify the root path for source maps. Only works when "sourceMap" is true. */

```

To take the index.ts in a specific path we use the rootDir folder

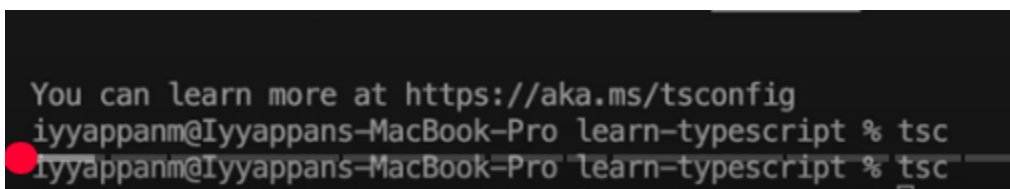


```

21 // "jsxImportSource": "",      /* Specify the module specifier to resolve the jsx runtime. */
22 // "reactNamespace": "",      /* Specify the module specifier to resolve the react namespace. */
23 // "noLib": true,              /* Disable the library files from being included in the compilation. */
24 // "useDefineForClassFields": true, /* Emit ECMAScript-standard-compliant class fields. */
25 // "moduleDetection": "auto",  /* Control what method is used to detect modules (default is 'auto'). */
26
27 /* Modules */
28 "module": "commonjs",         /* Specify what module system is to be used. */
29 "rootDir": "./src",           /* Specify the root directory of the project. */
30 // "moduleResolution": "node", /* Specify the module resolution strategy to use. */
31 // "baseUrl": "./",            /* Specify the base URL to resolve non-relative module names. */
32 // "paths": {},                /* Specify a set of paths to map module names to. */
33 // "rootDirs": [],             /* Specify a list of paths to root directories. */

```

To save this change compile using tsc



```

You can learn more at https://aka.ms/tsconfig
iyyappanm@Iyyappans-MacBook-Pro learn-typescript % tsc
iyyappanm@Iyyappans-MacBook-Pro learn-typescript % tsc

```

Atlast press tsc --watch