

How to initialize a ts project?

Create a folder using terminal use mkdir

Then use pwd to access the path

Then in vscode open it using the open folder option

npm init -y (initialize a empty package.json)

npm install typescript

npx tsc -init (initialize a tsconfig file)

uncomment the rootdir,outdir file in tsconfig

now if we want to use the websocket we need to import ws library not for express

npm install ws@types/ws

like in ts we need to import types for all the libraries such as (express,jsonwebtoken)

create a src folder with index.ts

after creating your code

in the package.json make some changes in the script section

```
"scripts": {  
  "dev": "tsc -b && node ./dist/index.js"  
},  
"type": "module",
```

The tsc -b first compile the ts code and then will run the index.js file