Learned the Typescript Getting Started Articles from medium [here](https://medium.com/better-programming/get-started-with-typescript-part-1-440d2ec9e59)

Created the tsconfig file and also the inherited tsconfig file.

Added the compiler options in the base tsconfig file and the inherited tsconfig file.

Created glob to detect all the files in the folder related to the typescript

Added the ts-loader dependency to the getting started project.

Combined the ts-loader to the webpack config file.

Added the **exclude** option in the webpack config, to exclude the node\_modules folder.

Worked with the typescript data types

Created an sample-project to perform basic programs in the typescript.

Added annotations to the variables and the functions.

Worked with the let and const annotations to create variables and functions.

Created the type assertions to convert the variable from one data type to another.

Created default initialized parameter value for the functions

Converted a normal function into an arrow function.

Created an sample data fetching project from the typescript.

I was able to fetch the data from the data file to the class by the help of typescript.

Issues :

When adding the exclude option in the web pack, I was receiving an error regarding the node modules.

To solve this problem, I had to change the exclude option to /node\_modules/. As, this was one of the breaking change in the new version.

I was receiving an error while using the variable

In typescript, as we can't use the variable before assigning it. To solve this problem, I had to change the strict option in the tsconfig from false to true.