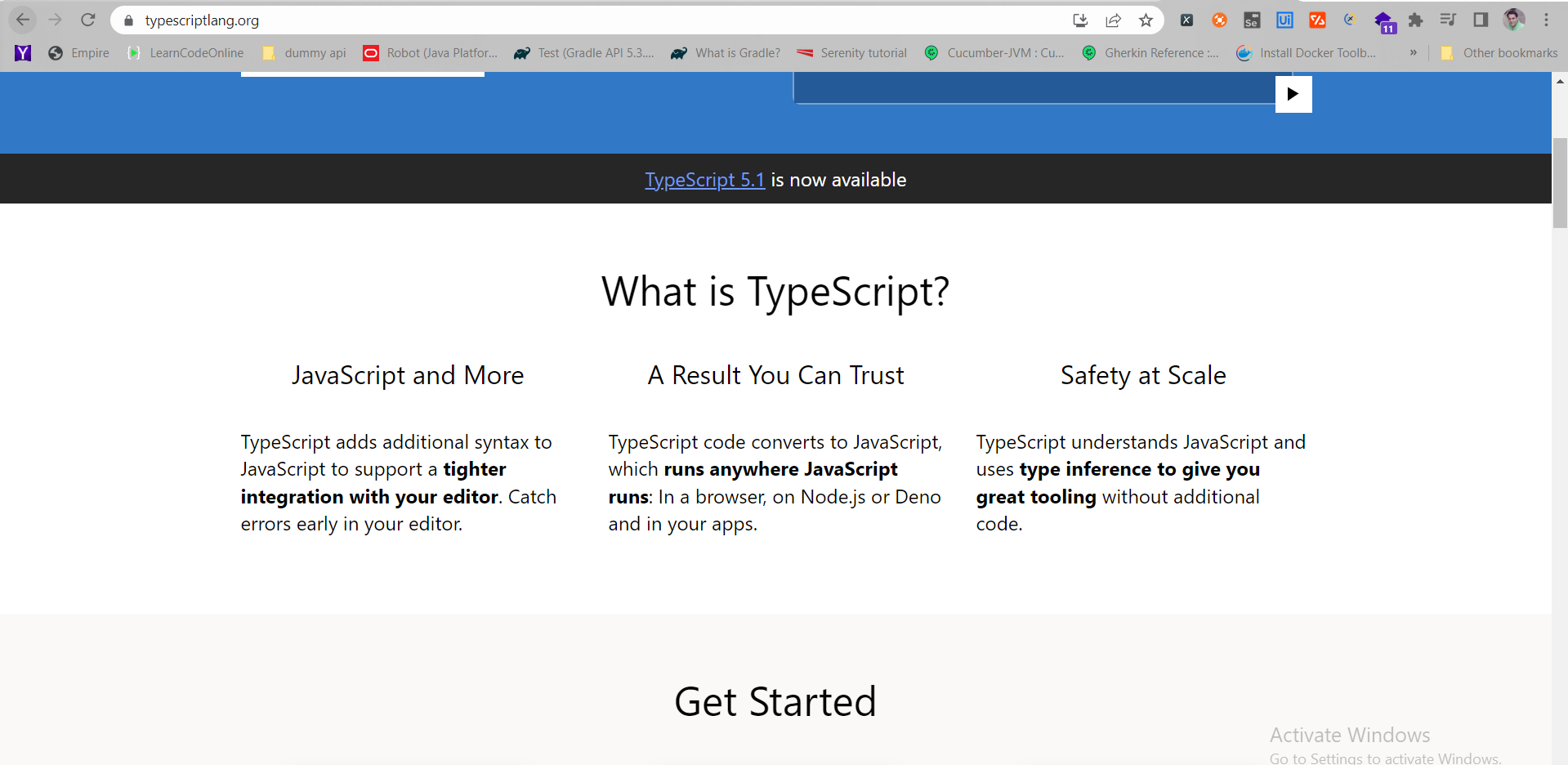
TypeScript – Language definition

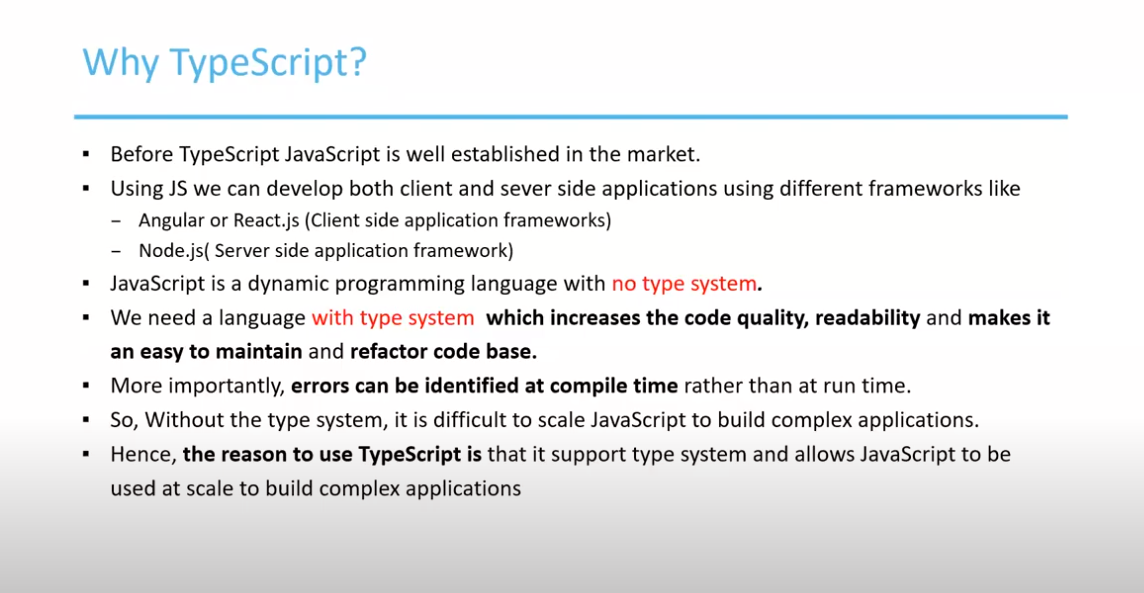
A picture containing text, screenshot, font

Description automatically generated

Type Script – official website

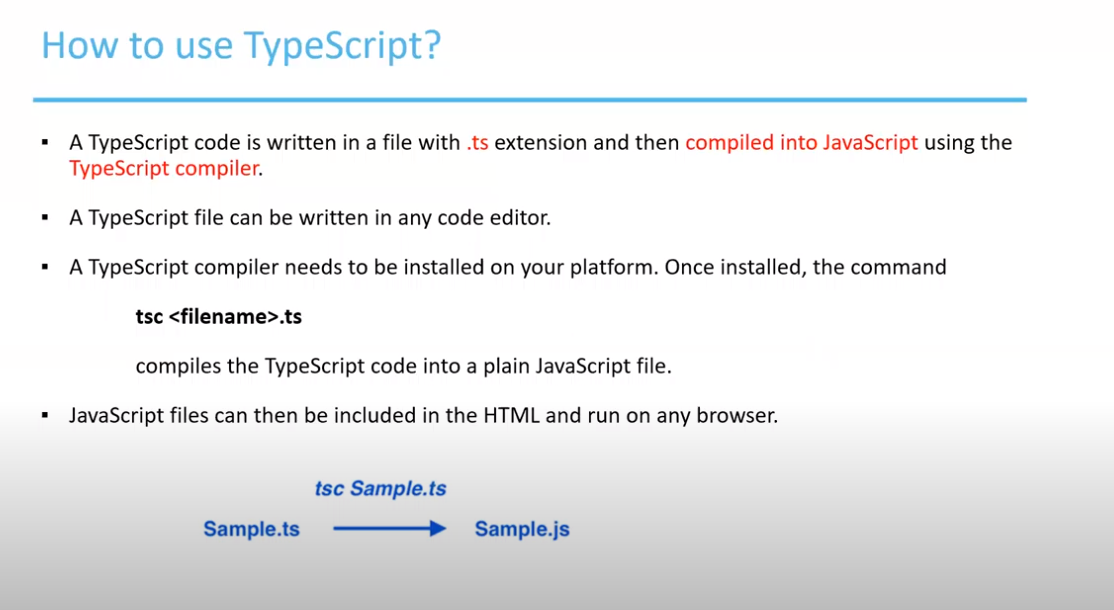


Why use Type Script



A typeScript file can be converted to a Java Script file, with the help of type script compiler – which converts the type script to the java script file

**Features of Type Script** :-



Features of Type Script

A screenshot of a computer

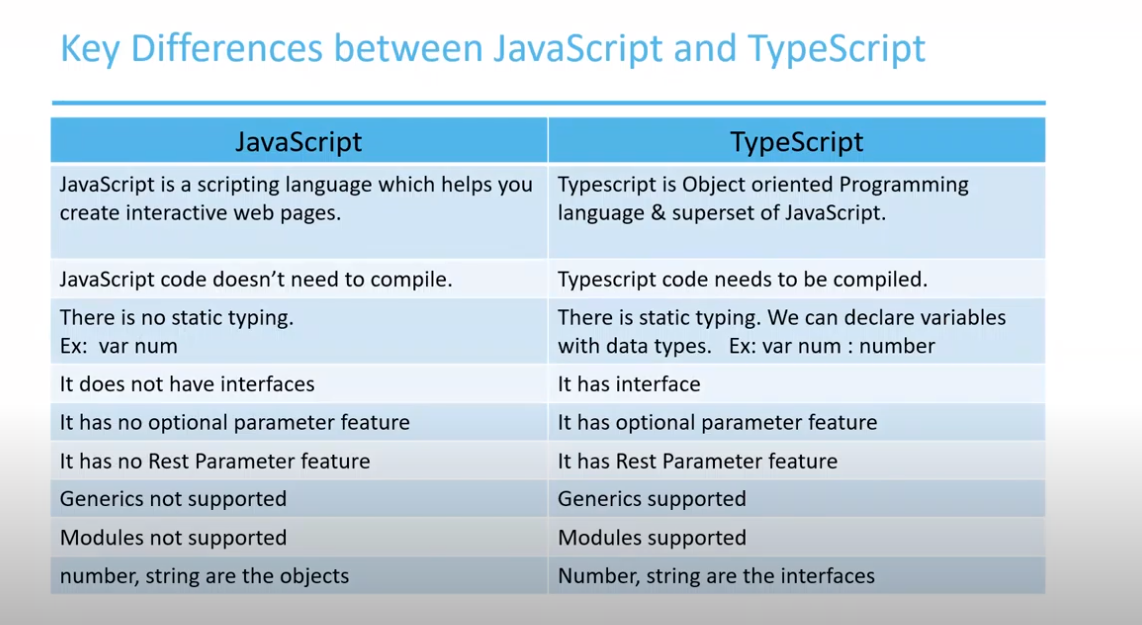
Description automatically generated

**Advantages of Type Script**

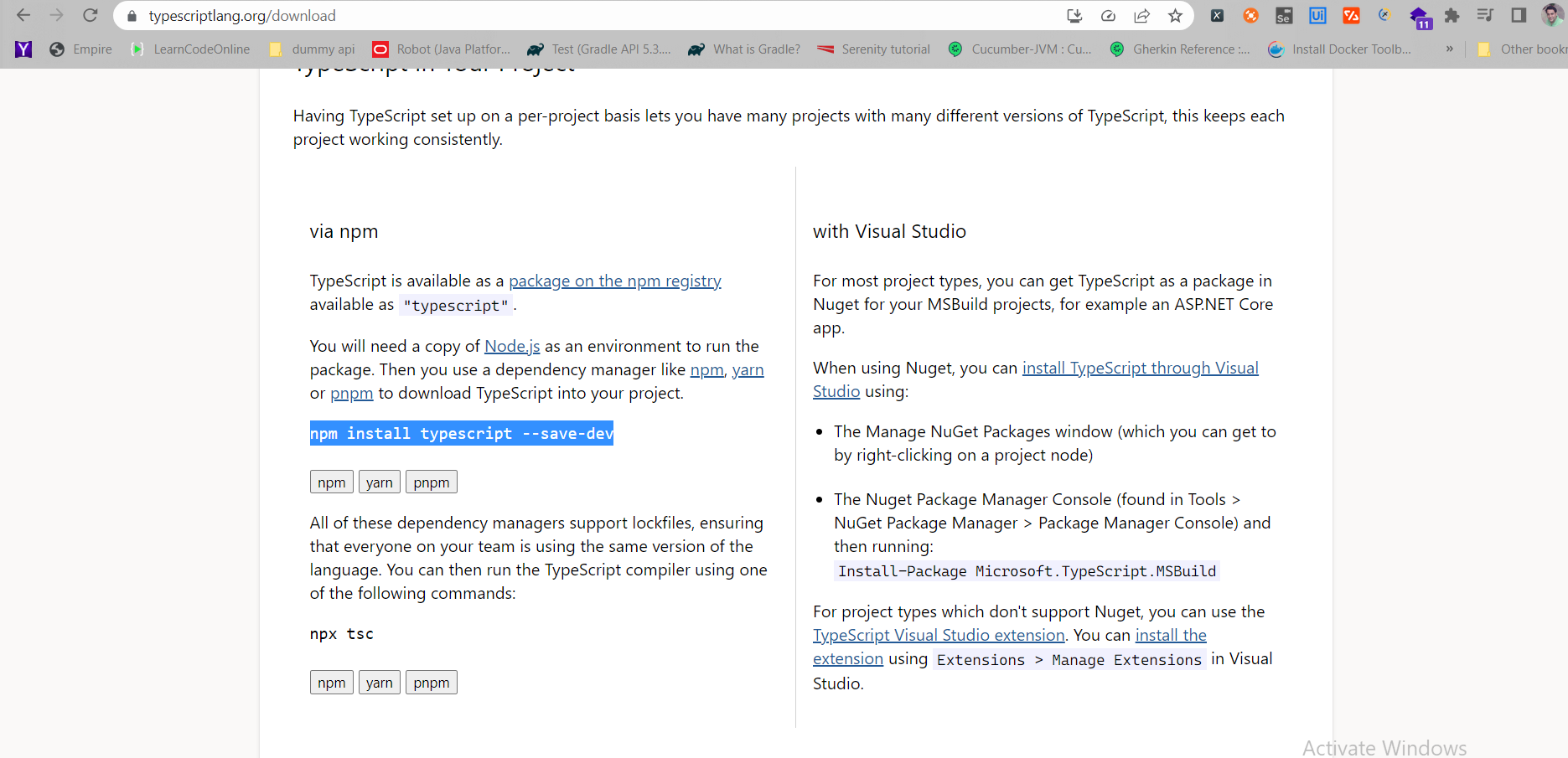
A screenshot of a computer

Description automatically generated with medium confidence

**Difference between Java Script and Type Script**



Let us install type script.

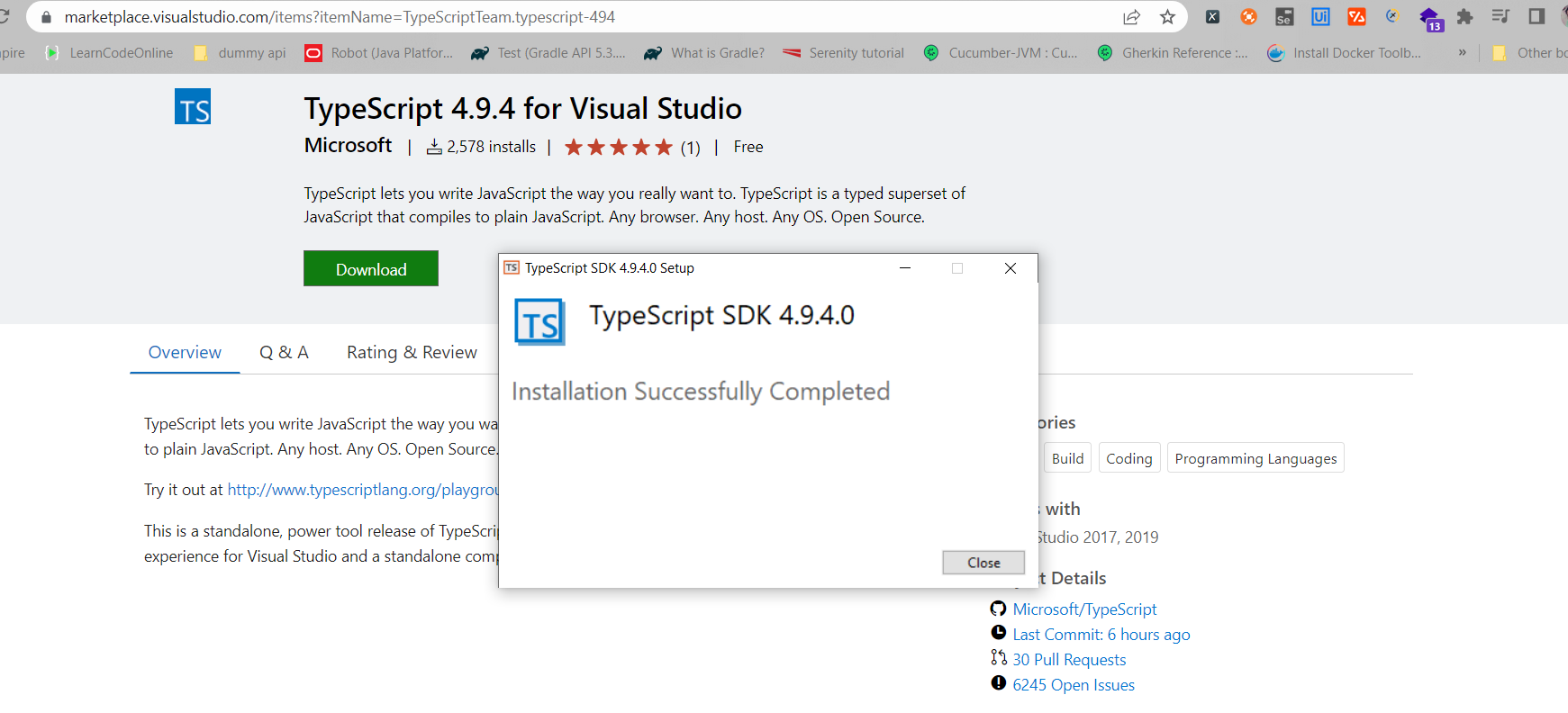


A screenshot of a computer program

Description automatically generated with medium confidence

Added the typescript package and check the version by using tsc -v

Install the type script package for Visual Studio

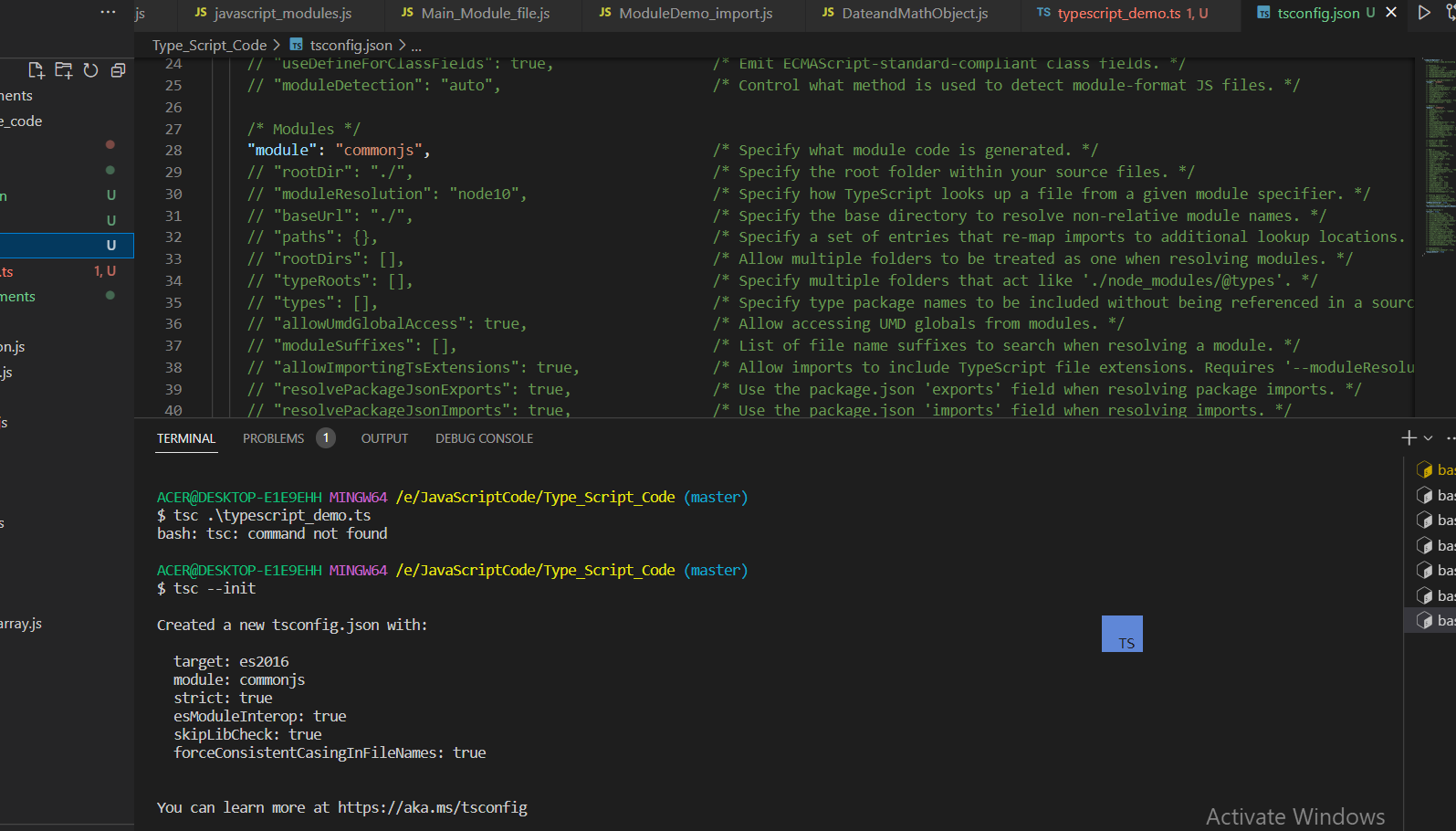


Do a tsc –edit at your terminal folder.

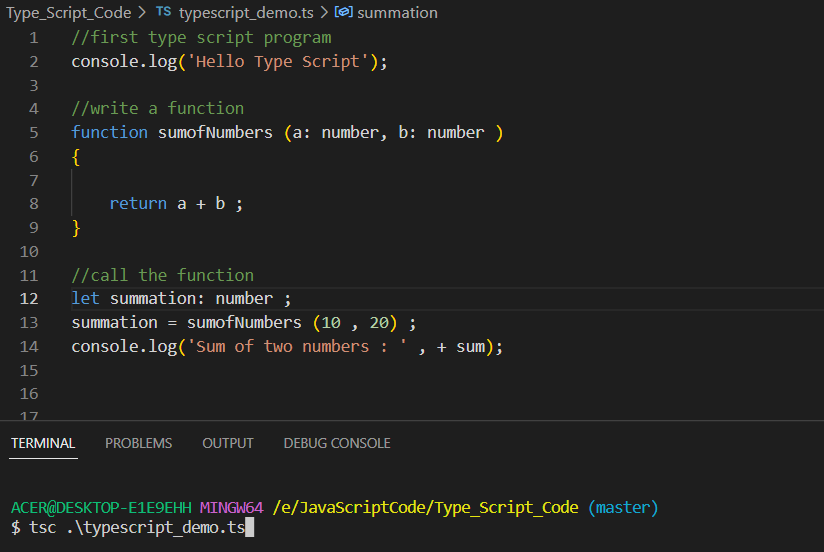
A screen shot of a computer

Description automatically generated with medium confidence

Tsconfig.json will be created.



Let us write a first type script program – and convert the type script file to the java script file



Now type tsc code to compile the type script file

A screenshot of a computer code

Description automatically generated with low confidence

Fix the error – compile error

A picture containing text, screenshot, font, graphics

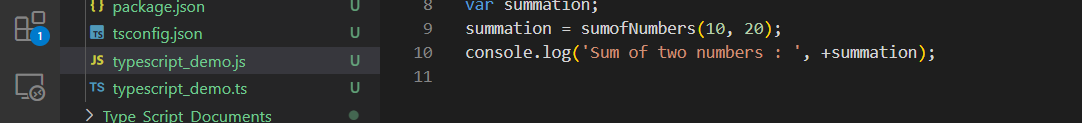
Description automatically generated

Convert the typescript file to the java script file – by typing = tsc .\fileName.ts

A screen shot of a computer code

Description automatically generated with medium confidence

Once we run the following command – a java script file is created



Run the Java Script file.

A screen shot of a computer code

Description automatically generated with low confidence