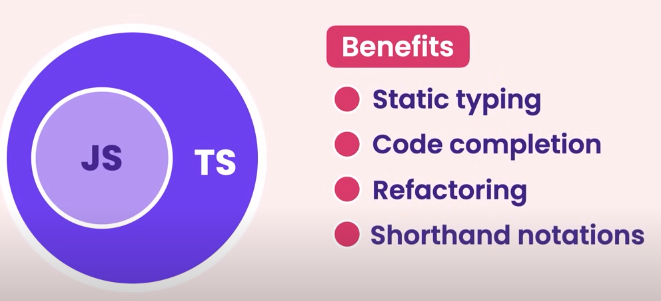
**TYPESCRIPT COURSE**

<https://www.youtube.com/watch?v=d56mG7DezGs&ab_channel=ProgrammingwithMosh>

**Introduction Part:**

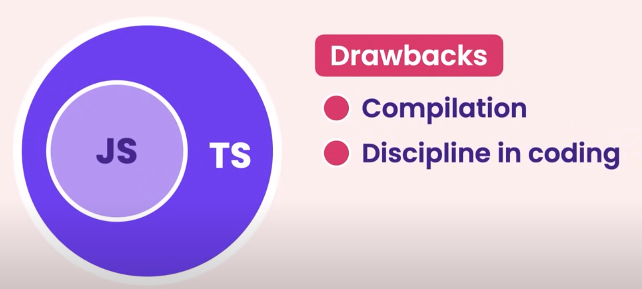




A yellow background with black text

Description automatically generated

**🡺 Most of the errors are found by compilation. Typescript has its own Compiler to compile the code and transform it into JavaScript code.**

****

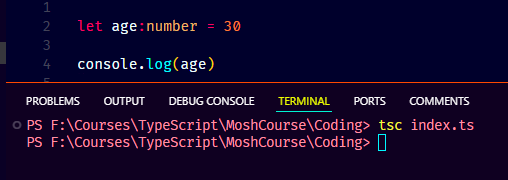
**Browser still don’t understand TypeScript, so convert it into JavaScript.**

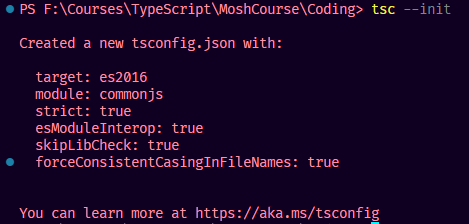
**A diagram of a purple circle with black arrows

Description automatically generated**

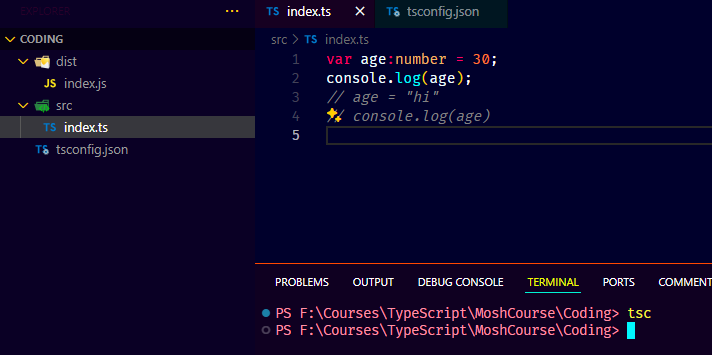
****

* **When we use tsc index.ts the typescript compiler creates the index.js file.**

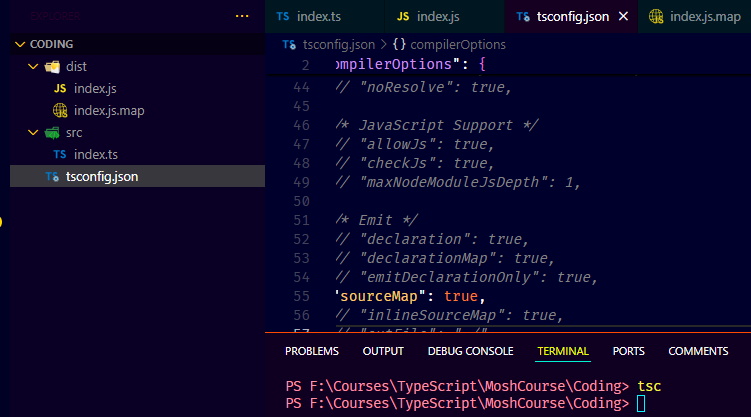
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* **tsc compiles the project and generates the js files for available ts files.**

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* **map file shows how each line of TypeScript code maps with each line of JavaScript code.**

****

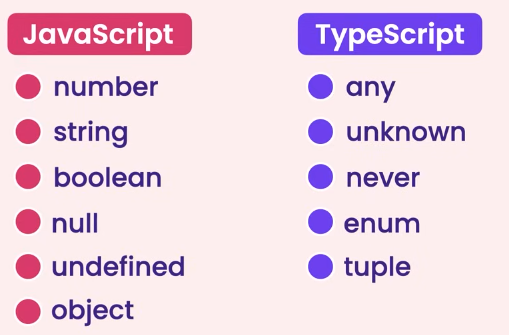
* **Debugging**

**A computer screen shot of a program

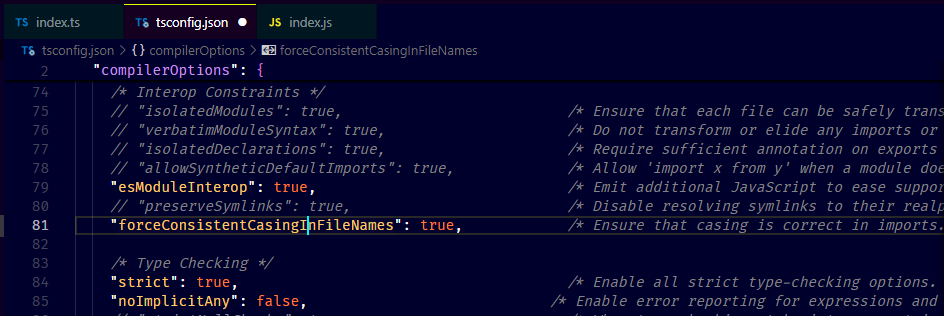
Description automatically generated**

**TypeScript Basics/Fundamental Part:**

* **TS data types**

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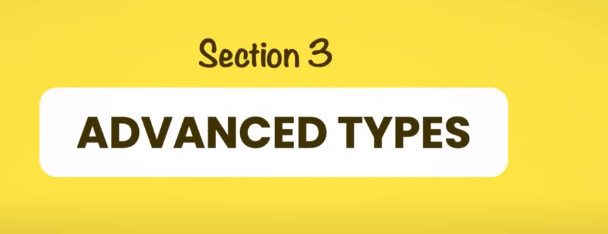
* **To avoid from implicit type error but not recommended because then there is no point to use typescript.**

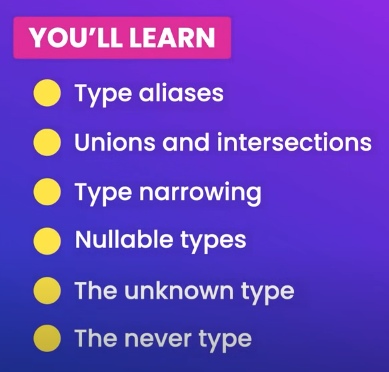
****

**A screen shot of a computer code

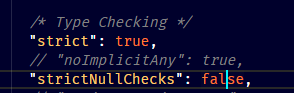
Description automatically generated**

**SECTION-3 :: TypeScript Advanced Part:**

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* **NULLABLE TYPES: When strict is apply the below properties apply automatically beside of, they are commented. To avoid it we can set the option to “false” or use the code logic.**

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