

TypeScript's Comments are like JavaScript's with One Exception

This lesson discusses the common and simplest way to comment.

Comments give more information about the variables or functions in our code.

Comments in TypeScript use the same syntax as JavaScript. So, you can use the double slash for single-line comment or use slash stars to open a block of comments and a star slash to close the block. A use of slash star `/*` is for JSDoc style or to comment on a big block of comments. You can cause TypeScript to not emit any comments using the compiler option

`removeComments`.

```
let x = 1; // This is a single line comment

/* This can be spread on
multiple
lines */
let y = 2;
```



One little detail about TypeScript is about the starting comment at the top of a file. A special syntax with the slash star followed by an exclamation mark `/*!` tells TypeScript to keep the comment while transforming TypeScript into JavaScript. The comment remains present even if the compiler option `removeComments` is true.

The exclamation point's main goal is to keep copyright at the top of the generated file that has been written in TypeScript and needs to be propagated to the generated JavaScript.