

typescript-domination

app.ts 1 x syllabus.yaml

app.ts > ...

1 //Type Assertion

2 // Type casting

3 // Non-null assertion operator

4

5 let a: any = 12;

6

7 (a as string).

Symbol

at

charAt

charCodeAt

codePointAt

concat

endsWith

includes

indexOf

lastIndexOf

length

localeCompare

(method) String.charCo

deAt(index: number): n

umber

Returns the Unicode value of the

character at the specified

location.

@param index — The zero-

based index of the desired

character. If there is no character

at the specified index, NaN is

returned.

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app.ts 1 x syllabus.yaml

app.ts > ...
1 //Type Assertion
2 // Type casting
3 // Non-null assertion operator
4
5 let a: any = 12;
6
7 (<number>a).
 toExponential
 toFixed
 toLocaleString
 toPrecision
 toString
 valueOf

typescript-domination

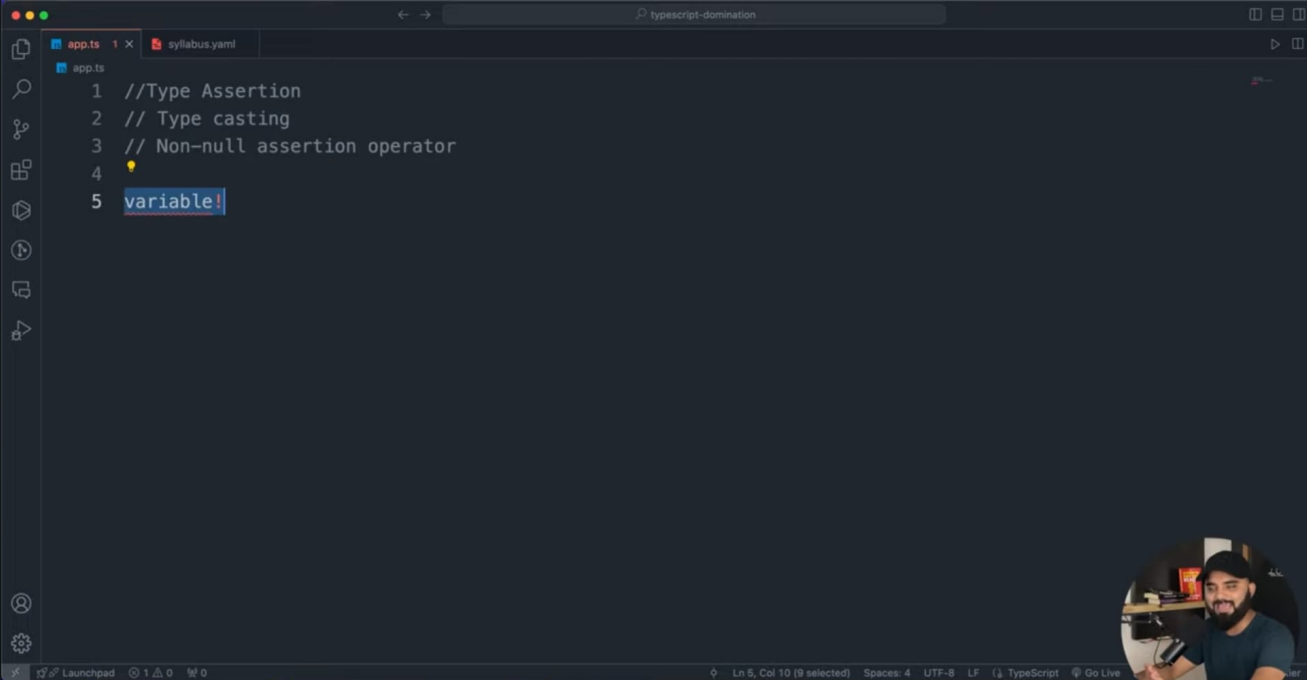
(method) Number.toLocaleString(locales?: string | string[], options?: Intl.NumberFormatOptions): string (+1 overload)

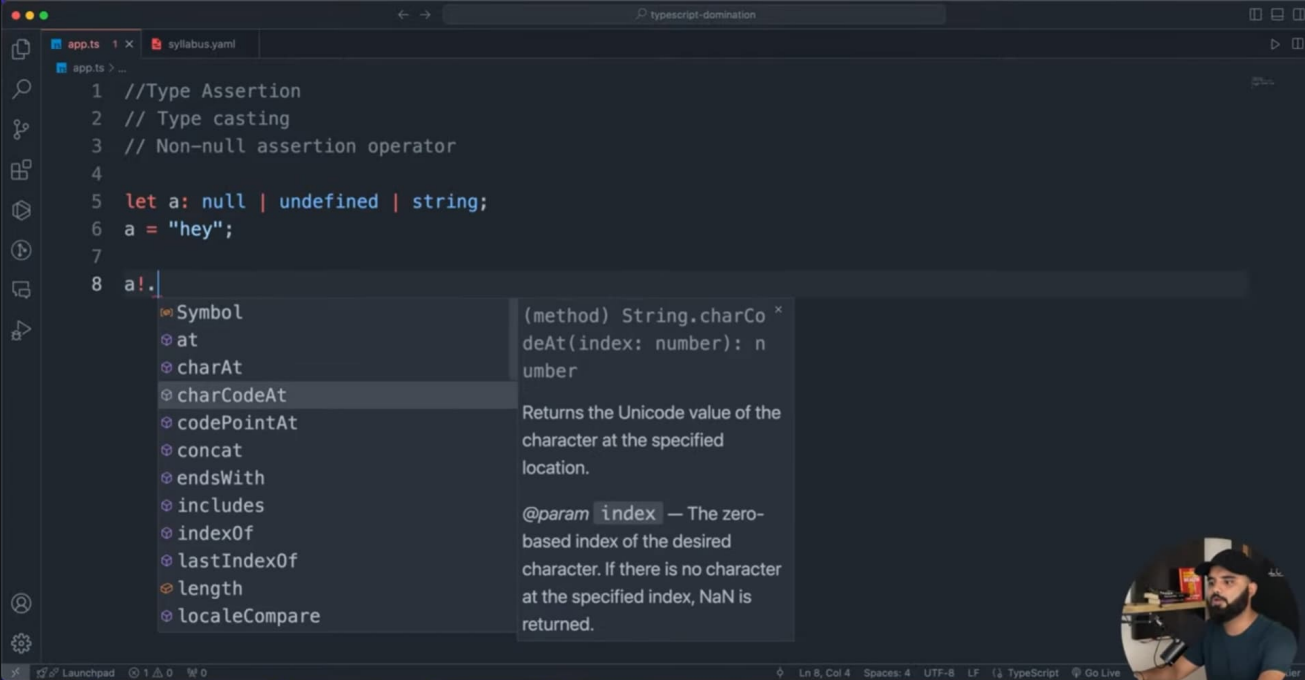
Converts a number to a string by using the current or specified locale.

@param locales — A locale string or array of locale strings that contain one or more language or locale tags. If you include more than one locale

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← →

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app.ts 1 x syllabus.yaml

app.ts > ...

1 //Type Assertion
2 // Type casting
3 // Non-null assertion operator
4
5 let a: null | undefined | string;
6 a = "hey";
7
8 a.

fixed
fontcolor
fontsize
italics
link
small
strike
sub
substr
sup
trimLeft
trimRight

interface Symbol var S
symbol: SymbolConstruct
or

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← →

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app.ts 1 x syllabus.yaml

app.ts > abcd

1 //Type Guards and TypeScript Utility Types

2 // Using typeof and instanceof

3 // Partial, Required, Readonly

4

5 function abcd(arg: string | number) {

6 arg.toLocaleString().replace(/^\s+/, function

7 } toLocaleString (method) toLocaleStrin ×

8 toString g(): string (+2 overlo

9 abcd(12) valueOf ads)


10 abcd("hello");


Returns a date converted to a string using the current locale.

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Ln 6, Col 9 Spaces: 4 UTF-8 LF TypeScript Go Live tabnine starter Prettier





← →typescript-domination

app.ts 1 x syllabus.yaml

app.ts > abcd

```
1 //Type Guards and TypeScript Utility Types
2 // Using typeof and instanceof
3 // Partial, Required, Readonly
4
5 function abcd(arg: string | number) {
6     if(typeof arg === "number"){
7         arg.toExponentialNumber
8     }
9     else if(
10    else{
11    }
12
13 abcd(12);
14 abcd("hello");
```

⊗ toExponential

(method) Number.toExponential(fractionDigits?: number): string

Returns a string containing a number represented in exponential notation.

@param fractionDigits — Number of digits after the decimal point. Must be in the range 0 - 20, inclusive.

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```
app.ts 1 x syllabus.yaml
app.ts > abcd
1 //Type Guards and TypeScript Utility Types
2 // Using typeof and instanceof
3 // Partial, Required, Readonly
4
5 function abcd(arg: string | number) {
6     if(typeof arg === "number"){
7
8     }
9     else if(typeof arg === "string"){
10         arg.
11         Symbol
12         else{}
13     }
14
15 abcd(12);
16 abcd("hello")
```

interface Symbol var S ×
ymbol: SymbolConstruct
or

- at
- charAt
- charCodeAt
- codePointAt
- concat
- endsWith
- includes
- indexOf
- lastIndexOf
- length
- localeCompare



```
app.ts x syllabus.yaml
app.ts > ...
1 //Type Guards and TypeScript Utility Types
2 // Using typeof and instanceof
3 // Partial, Required, Readonly
4
5 function abcd(arg: string | number) {
6     if (typeof arg === "number") {
7         abcd
8         abstract
9         abort process
10        aborted util
11        AbortController
12        AbortSignal
13        AbstractRange
14        AbsoluteCenter @chakra-ui/rea...
15    } arrayBuffer stream/consumers
16    arrayBuffer node:stream/consum...
17    co ArrayBuffer
18    co AudioBuffer
19    ab
```

```
function abcd(arg: str
ing | number): "numbe
r" | "string"
```

```
gaya hai kya fraaaaaands");
```



```
app.ts x syllabus.yaml
app.ts > ...
1 //Type Guards and TypeScript Utility Types
2 // Using typeof and instanceof
3 // Partial, Required, Readonly
4
5 function abcd(arg: string | number | any) {
6     if (typeof arg === "number") {
7         return "number";
8     }
9     else if (typeof arg === "string") {
10         return "string";
11     }
12     else {
13         throw new Error("pagal how gaya hai kya fraaaaaaands");
14     }
15 }
16
17 console.log(abcd(12));
18 console.log(abcd("hello"));
19 abcd(true);
```



```
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app.ts x syllabus.yaml
app.ts > ...
6 // typeof instanceof
7
8 class TvKaRemote {
9     switchoff() {
10         console.log("switching off tv");
11     }
12 }
13
14 class CarKaRemote {
15     switchoff() {
16         console.log("switching off car");
17     }
18 }
19
20 const tv = new TvKaRemote();
21 const car = new CarKaRemote();
```



```
typescript-domination

app.ts x syllabus.yaml
app.ts > switchOffKaro
/
8 class TvKaRemote {
9     switchoff() {
10         console.log("switching off tv");
11     }
12 }
13
14 class CarKaRemote {
15     switchoff() {
16         console.log("switching off car");
17     }
18 }
19
20 const tv = new TvKaRemote();
21 const car = new CarKaRemote();
22
23 function switchOffKaro(device: TvKaRemote | CarKaRemote){
24
25 }
```



```
app.ts 1 x syllabus.yaml
app.ts > switchOffKaro
/
8 class TvKaRemote {
9     switchTvOff() {
10         console.log("switching off tv");
11     }
12 }
13
14 class CarKaRemote {
15     switchCarOff() {
16         console.log("switching off car");
17     }
18 }
19
20 const tv = new TvKaRemote();
21 const car = new CarKaRemote();
22
23 function switchOffKaro(device: TvKaRemote | CarKaRemote) {
24     if (device instanceof TvKaRemote) {
25         device.switchTvOff();
26     }
27     else if (device instanceof CarKaRemote) {
28 }
```



```
typescript-domination

app.ts x syllabus.yaml
app.ts > tv

9     switchTvOff() {
10         console.log("switching off tv");
11     }
12 }
13
14 class CarKaRemote {
15     switchCarOff() {
16         console.log("switching off car");
17     }
18 }
19
20 const tv = new TvKaRemote();
21 const car = new CarKaRemote();
22
23 function switchOffKaro(device: TvKaRemote | CarKaRemote) {
24     if (device instanceof TvKaRemote) {
25         device.switchTvOff();
26     }
27     else if (device instanceof CarKaRemote) {
28         device.switchCarOff();
29     }
30 }
```

