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| 1 | Escape character |  |
| 2 | Integer |  |
| 3 | Float |  |
| 4 | negative numbers |  |
| 5 | typeof negative numbers and floats |  |
| 6 | string |  |
| 7 | numbers |  |
| 8 | Boolean |  |
| 9 | undefined |  |
| 10 | undeclared |  |
| 11 | null |  |
| 12 | **dynamic typed language** |  |
| 13 | typeof operator |  |
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1. Symbols are primitive datatype
2. typeof an array is ‘object’
3. 6 primitive data types are string, number, Boolean, null, undefined, Symbols(ES-6)
4. .length can be used for strings only
5. String(123) is used to convert number to string
6. (123).toString() can also be used to convert number to string
7. Number(‘123’) is used to convert string to number

Number(true) // 1

Number(false) // 0

Number(null) // 0

Number(‘abc’) // NAN

Number([1,2,3]) // NAN

1. parseInt() is also used to convert string to numbers
2. Ques - generate random number between 1 to 20

Math.floor(Math.random() \* 20 + 1)

* We now know that accessing let or const variables before they’re declared will throw a ReferenceError
* We can use the spread operator to copy an array.
* const arr = [1, 2, 3];
* const arr2 = [...arr];
* Rest parameters have to be at the **last argument**

|  |  |
| --- | --- |
| typeof |  |
| .length |  |
| String() |  |
| .toString() |  |
| .toFixed() |  |
| Number() |  |
| parseInt() |  |
| parseFloat() |  |
| Math.round() | Math.round(2.4) // 2, Math.round(2.6) //3 |
| Math.ceil() | Math.ceil(2.4) //3 Math.ceil(2.6) // 3 |
| Math.floor() | Math.floor(2.4) // 2 Math.floor(2.6) // 2 |
| Math.min() | Math.min(2,4,66, 43, 8) //2  Math.min(2, 4, 66, 43, 8, -3) // -3 |
| Math.max() |  |
| Math.random() |  |
| .concate() |  |
| .toUpperCase |  |
| .toLowerCase() |  |
| .indexOf() |  |
| .lastIndexOf() |  |
| .charAt() |  |
| .subString() |  |
| .slice() |  |
| .split() |  |
| .replace() |  |
| .includes() |  |
| .isArray() |  |
| .forEach() |  |
| .map() |  |
| window.outerHeight |  |
| window.innerHeight |  |
| window.scrollY |  |
| window.location |  |
| window.history.go() |  |
| window.history.length |  |
| window.navigator |  |
| .innerText |  |
| .innerHTML |  |
| document.querySelector() |  |
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