JAVASCRIPT 3

Bugun biza darsda number constructor, number methods, type conversion and coercion, isNaN, Boolean constructor, Truthy and Falthy, logical operators, Nullish coalescing operator ?? , if else, conditional(ternary) operator, switch case haqida gaplashdik.

Number constructor:

Properties:

1. EPSILON – 1 va 1 ga yaqin bolgan sonning farqi.
2. MAX\_VALUE – JS dagi eng kotta sonni chiqarib beradi
3. MIN\_VALUE – JS dagi eng kichkina sonni chiqarib beradi
4. MAX\_SAFE\_INTEGER – JS dagi eng kotta butun sonni chiqarib beradi
5. MIN\_SAFE\_INTEGER – JS dagi eng kichkina butun sonni chiqarib beradi.
6. POSITIVE\_INFINITY – Hich qaysi son bunda kotta bolomidi. (Infinity)
7. NEGATIVE\_INFINITY – Hich qaysi son bunda kichkina bolomidi(-Infinity)

Methods:

1. Number.isInteger() – butunlikni tekshiradi.
2. Number.isSafeInteger() – butunlikni hamda safe likni tekshiradi.
3. Number.parselnt(n) – agar butun son bolmasa nuqtadan keyingisini yoqotib beradi. Va farqi bunda bunda string bersa boladi.
4. Number.parseFloat(n) – Stringdan songa ozgartirib beradi.

Number methods:

1. N.toString() – string ga ogirib beradi.
2. N.toExponential()
3. N.toFixed () – sonni butun qip chiqarib beradi.
4. N.toPrecision()

Type conversion and coercion:

1. Number - +n - optimal
2. String – toString – optimal

isNaN:

bu raqamga aylantirilganda qiymatning NaN ekanligini aniqlaydi.

Truthy and Falthy:

1. Truthy – ular cheksiz
2. Falthy

Falthy:

1. False
2. 0
3. -0
4. 0n
5. -0n
6. “”
7. Null
8. Undefined
9. NaN lar kiradi

Logical operators:

|| - bu birinchidigi true ni oladi agar bolmasa oxirgisini oladi

&& - bu birinchidigi false ni oladi agar bolmasa oxirgisini oladi

If else:

If else shu true false larni qaytaradi

Else if digani bor agar masalani ichida koproq qiymat berilgan bolsa if dan keyin else if qoshiladi.

Conditional ternary operator:

Condition ? truthy : falthy – bunda biza agar ifni ichida bitta statement bovotkan bosa foydalansa boladi.

Switch case:

Switch case bu else if ni ikkinchi turi buni manosi chiroyli yozish usuli.

Switch boladi uni ichida case va break boladi va ulardan keyn default boladi shuni ichiga statementlani yozb ishlab ketsa boladi.