JAVASCRIPT 2

Bugun biza darsda JavaScript Data Types, Primitive types, Complex, Operators, Math object haqida gaplashdik.

DATA TYPES:

Data Types 2 xil boladi:

1. Primitive
2. Complex

Primitive ga:

1. Null
2. Undefined
3. Boolean
4. Number
5. Bigint
6. String
7. Symbol lar kiradi.

Complex ga:

1. Object
2. Array kiradi

PRIMITY TYPES:

Number – ni chiqarishni turli xil usullari mavjud.

1. Infinity
2. NaN – Not a Number
3. Binary
4. Octal
5. Hex
6. Float
7. Js bug
8. Exponential
9. Numeric\_separator

String – berishni 3 xil usuli mavjud.

1. doubleQuote “ “
2. singleQuote ‘ ‘
3. backTicks

Boolean – 2ta qiymati bor.

1. True
2. False

Bigint – 2^53 ga teng yoki undan kotta butun sonlani ifodalash usulini taminlidi.

let b1 = 1231232312321312321321n;

Operators:

Operatorlar 5 xil boladi:

1. Arithmetic (mixture)
2. Assignment
3. Comparison
4. Logical
5. Bitwise

Assignment:

1. =
2. +=
3. -=
4. \*=
5. /=
6. %=
7. \*\*=

Comporision:

1. ==
2. ===
3. !=
4. !==
5. >
6. >=
7. <
8. <=

Logical:

1. &&
2. ||
3. !

Bitwise:

1. &
2. |
3. Not
4. ^
5. <<
6. >>
7. >>>

Others:

1. ??
2. ?

MATH:

CONSTANTS, PROPERTIES:

1. Math.E Euler’s sonni qaytaradi
2. Math.PI – PI ni qaytaradi yani (3.14)
3. Math.SQRT2 - Ildizni qaytaradi
4. Math.SQRT1\_2

METHODS:

1. Math.round(x) – bu oziga yaqinrogini chiqaradi misol uchun (12.3) bosa butun 12ni chiqaradi agar (12.7) bosa butun 13ni chiqaradi.
2. Math.trunc(x) – bu oziga yaqinroq yoki oziga uzoqroqini qarap otirmaydi misol uchun (12.3) berilgan bosa toliq 12ni ozini chiqaradi (12.7) bosayam 12 ni chiqaradi.
3. Math.ceil(x) – on tomondigi yaqinroq sonni oladi
4. Math.floor(x) – chap tarapdigi yaqinroq sonni oladi (manfiy)
5. Math.sign(x) – bu 3ta qiymatni qaytaradi -1, 0, 1
6. Math.pow () – bunda darajani qisa boladi
7. Math.sqrt () – bunda ildizni qisa boladi.
8. Math.abs() – manfiy sonni musbat songa aylantirishda ishlatsak boladi.
9. Math.min() and Math.max() – bunda minda eng kichkina sonni oladi maxda en kotta sonni oladi.
10. Math.random() – berilgan qiymatni ichidan random son tanlab olib ekranga chiqarib beradi.