//Print 5

//  console.log(5)

/\*\*

5 things to declare a variable

var weight =38;

var price =70;

var year = 2000;

year=2003;

var age;

string type variable:

var name = "Maharab Hossain OPi ";

console.log(name);

Boolean type variable:

var isRich = true; kolon hobe na

check type of a variable:

console.log(typeof isRich); j kono variable er type check kora jay

How to create name of a variable:

1. no keyword in variable name --> var false =45; false is a keyword

2. no space or gap in variable name

3. no quote

4. can not start with a number but other than the first letter is allowed

5. name is case sensitive-->

        address

        Address

        ADDRESS

        addRess

        ekhane 4 ta variable count hobe

6. how to write a long varibale

    var my\_current\_home\_address = " djfa kdfj dlkf"; //snake case

    var myCurrentHomeAddress = " jdfldjfa";  // camel case

     var MyCurrentHomeAddress = " jdfldjfa";  // Pascal case

7. var (correct)

    Var,vAr etc (wrong)

How to convert string to number -->

var first= 20;

var second = '20';

var third =parseInt('20');

var third =parseInt(second);

var third =perseFloat('20');

Fixed number after decimal point -->

var first = 0.1;

var second = 0.2;

var total = first + second;

console.log(total) --> 0.30000000000000000004

now fixed the numbers after decimal point.

console.log(total.toFixed(2)) --> 0.30

toFixed use korle number ta string hoye jabe

Ternary --> three parts

    ?    :

condition ? do something when true : do something when false

const age=19 ;

age>=18 ? console.log("vote dio") : console.log("ghumao");

let price =500;    // const use korle kokhono ar change korbe na, let use korle change kora jabe

const isLeader = true;

price = isLeader === true ? 0 : price+100;

Array -->

const numbers = [12,22,54,65];

console.log(numbers); --> [12,22,54,65]

console.log(numbers.length); --> 4

numbers.push(44);

console.log(numbers); --> [12,22,54,65,44]

numbers.push(55,56,77);

console.log(numbers); --> [12,22,54,65,44,55,56,77]

numbers.pop();

console.log(numbers); --> [12,22,54,65,44,55,56]

numbers.shift(); --> remove from first index

console.log(numbers); --> [22,54,65,44,55,56]

numbers.unshift(13); --> add in 1st index

console.log(numbers); --> [13,22,54,65,44,55,56]

check a element is includes or not

console.log(numbers.includes(65)); true

find index number of an element

console.log(numbers.indexOf(54)); --> 2

console.log(numbers.indexOf(100)); --> -1

check it is array or not

console.log(Array.isArray(numbers)); --> true

numbers.join('+'); --> [13+22+54+65+44+55+56]

concat -->

firstArray.concat(secondArray);

array\_name.slice(2,4); --> start from 2 index to 4 index;

for(const num of numbers)

console.log(num);

for(let i=0 ; i <=5 ; i++ )

console.log(i);;

 \*/