

JAVASCRIPT NOTES

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//.....
//.....BASIC JAVASCRIPT.....
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//XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX//

//.....
//.....
//.....CONSOLE PRACTICE.....
//.....VARIABLES CALL AND PRINT.....
//.....

//XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX//

// question 1
// console.log("this is practice of javascript"); {CONSOLE}
// const name ="awais shaikh "; {VARIABLES}
// const age =22; {VARIABLES}
// const greetings = " morning "; {VARIABLES}
// console.log(name + age + greetings); {PRINT}

//XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX//

//question 2
// let html; {VARIABLES}
// html = "<h1>this is heading</h1>" + "<p>this is paragraph</p>"; {VALUES ARE STORE}
// {properties}:
// console.log(html); {VARIABLE ALL VALUES ARE PRINT }
// console.log(html.length); {NUMBERING}
// console.log(html.toUpperCase()); {ALL ALPHABETS ARE CAPITAL}

//XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX//

//.....
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TOPIC 1

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//.....
//.....ARRAYS  PRACTICE.....
//.....ARRAYS  CALL AND PRINT.....
//.....

//XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX//

//question 3
// {arrays}
// marks =[32,343,34,21,5,67,8,9,9,09]; {VALUES ARE STORE IN VARIABLE}
// fruit1=["apple","orange","banana",[21,5,67,8,9,9,0]]; {VALUES ARE STORE
VALUES ARE STORE IN VARIABLE}
// fruit2=["apple","orange","banana"]; {VALUES ARE STORE IN VARIABLE }
// console.log(marks); {THIS VALUES ARE PRINT}
// console.log(fruit1); {THIS VALUES ARE PRINT}
// console.log(fruit2[2]) {THIS VALUES ARE PRINT}

//XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX//

//.....
//.....
//.....OBJECTIVES  PRACTICE.....
//.....OBJECT CALL AND PRINT.....
//.....

//XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX//

//question 4
// object
// let myobj = {           FUNCTION OR METHOD NAME
//     name: "awais",       VARIABLES ARE STORE
//     age : 22,
//     height: 3,
//     brand:"Apple",
// }
// console.log(myobj);      ALL DATA ARE PRINTS

// console.log(myobj.name);  SINGLE VARIABLE IS CALL
// console.log(myobj.age);   SINGLE VARIABLE IS CALL
// console.log(myobj.brand); SINGLE VARIABLE IS CALL

//XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX//

//.....
//.....

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TOPIC 2

TOPIC 3

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//.....LOOPS PRACTICE.....
//.....FOR LOOP.....
//.....WHILE LOOP.....

//XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX//

//question 5 { for loop me batya huta k loop kabtk chalana hy}
// loops
//.....FOR LOOP.....
//increment
// for (var r = 1; r<= 10; r++) {
//     document.write( "Awais Shaikh <br/>");
// }
// document.write("loop end");

//XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX//

//question 6
//.....FOR LOOP.....
//Decrement
// for (var r = 10; r >= 0; r--) {
//     document.write( r +"<br/>");
// }
// document.write("loop end");

//XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX//

//question 7 [while loop infinity chalta hy]
//.....WHILE LOOP.....

// var a = 1; //define variable
// while ( a <= 20) {
//     document.write( a +"<br/>")
//     a ++; //increment
// }

//XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX//

//question 8 [ DO WHILE LOOP RUN AT A ONE TIME ]
//.....WHILE LOOP.....

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// var a = 1;           //define variable
// do {
//     document.write(a + "<br/>");
//     a++; //increment
// }
// while (a <= -10);

//XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX//

//.....
//.....
//.....FOR LOOP EVEN EXAMPLE 1.....
//.....
//.....

// Example 1 [even]
// for (let a = 1; a <= 20; a++) {
//     // document.write(a + " <br/>")
//     if (a % 2 == 0) {
//         document.write(a + "  this number is Even  <br/>");
//     }
// }
//.....
//.....
//.....FOR LOOP ODD EXAMPLE 2.....
//.....
//.....

// Example 2 [odd]
// for (let a = 1; a <= 20; a++) {
//     // document.write(a + " <br/>")
//     if (a % 2 != 0) {
//         document.write(a + "  this number is odd  <br/>");
//     }
// }
//.....

//XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX//

//.....
//.....
//.....NESTED LOOPS.....
//.....OUTER LOOP A.....
//.....INNER LOOP B.....

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//XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX//

//                                QUESTION 1

//                                *
//                                **
//                                ***
//                                ****

// for(var a=1; a<=4; a++)          //ROWS-----OUTER LOOP-----
// {

//     for(var b=1; b<=a; b++) //COULMN----INNER LOOPS-----
//     {
//         document.write("*");

//     }
//     document.write("<br>");      //LINE BREAK
// }

//XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX//

//.....
//.....
//.....FUNCTIONIOINS IN JAVASCRIPT.....
//.....

//XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX//

//QUESTION 1                                SIMPLE FUNCTION
// function hello() {

//     document.write("Hello, i am a front end developer");

//     document.write("<br>");
//     document.write("<br>");
//     document.write("i am learning alot of skills");
//     document.write("<br>");
//     document.write("<br>");
//     document.write("i was a front end develop");
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//      document.write("<br>"); document.write("<br>");
// }

// hello();

//XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX//

//QUESTION 2                                FUNCTION WITH PARAMETERS
// EXAMPLE 1 :
// function hello(a,b,c){
//      document.write("My name  is : " + a + b + c)
// }
// hello("Awais"," Shaikh", " i am a front end developer");

// EXAMPLE 2 :
// function data(a,b,c,d) {
//      document.write(" hello "," awais "," what happend ? ", " i am good")

// }

// data();

//EXAMPLE 3 :
// function sum(a,b)
// {
//      document.write("add two number is : " ,a + b);
// }
// sum(2,100);

// OUTPUT : 102

// LOCAL VARIABLE----- INSIDE THE FUNCTION
//GLOBAL VARIABLE-----OUTSIDE THE FUNCTION

//XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX//

//XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX//

//.....
//.....
//.....DOCUMENT OBJECT MODULE [DOM].....
//.....

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TOPIC 7

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//XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX//

//  var a = document.getElementById("a1").innerHTML;      access by id
//  document.write(a);

//XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX//

// var b=document.getElementsByClassName("b1").[1].innerHTML;      access by
class
// document.write(b);

//XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX//

// var a = document.getElementsByTagName("p");            access by TagName
// console.log(a);

//XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX//

// var a = document.querySelector("p").innerHTML;         access by first element
// console.log("p");
```