1. Using prompt ask user below questions and then print these values in console

* What is your name
* What is your batch name
* What is your birth year

Now print name, batch name and age in the console. Let's say if birth year of the user is 1991 then output should be his/her current age 31 years.

Ans. // let Name = prompt("what is your name")

// console.log(Name);

// let batch = prompt("what is your batch name")

// console.log(batch);

// let birthday = prompt("what is your birthday year")

// console.log(birthday);

1. Print numbers like 3, 6, 9, 12, 15 till number is less than 100

Ans. for( let i = 3; i<=100;i++ ){

console.log(i)

i++

i++}

1. Difference between truthy and falsy values ?

Ans.

|  |  |
| --- | --- |
| Truthy value | Falsy value |
| Vah value jinka answer hamesha  true aata hain | Vah value jimka answer hamesha  False aata hain |
| Falsy value ko chod kr sbhi value truthy hoti hain | Falsy value :- undefined, null,NaN, (“”),0, false yhe sb falsy value hain |

1. Difference between implicit and explicit type conversion ?

Ans.

|  |  |
| --- | --- |
| implicit | explicit |
| Vah value jo automatic ek data type se dusri data type me convert change ho jati hain | Vah value jo automatic change nhi hoti hain |
| Exp.  let x = "10";  console.log(x / 5); | Exp. let a = "50";  console.log(Number(a)+ 100); //number to string  console.log(new Number(a) + 100)  console.log(a.toNumber()+ 100) |

1. Ask user a question "Do you want to study Nodejs"? If user click on OK button then print Yes else print No in the console

Ans. let ans = confirm("Do you want to study Nodejs" )

1. Take one number. If number is odd and less than 20 then in alert box show Yes and else show No in alert box.

Ans. let x = 10

10 % 2 == 0 ? alert('yes') : alert('No')

1. If rating is 5 then print Excellent. If rating is 4 then print Good. If rating is 3 then print Average. If rating is 2 then print Poor. If rating is 1 then print Very Poor else print Invalid rating.

Ans. let i = 2

if( i == 5 ){

console.log("Excellent")

}else if(i == 4){

console.log("Good")

}else if(i == 3){

console.log("Average")

}else if( i === 2){

console.log("Poor")

}else if(i == 1){

console.log("Very poor")

}else{

console.log("Invalid rating")

}

1. What is the significance of use strict ?

Ans. Use strict :-iska mtlb hota hai ki javascript non strict mood me kuch error ko ignor marta h esliye un error ko dkhne ke liye use strict use me lete hain

1. Convert any if else condition to ternary operator.

Ans. let x = 15

if(15 % 2 == 0){

console.log('even')

}else{

console.log('odd')

}

convert to ternary operator :-

* 1. 2 == 0 ? console.log('even') : console.log('odd');

10.Check if a number is divisible by 13 or not. If yes then check number is also divisible by 4 or not. If both conditions matches then print Yes else print No.

Ans.

let x = 20

if(x / 13 == 0 && x / 4 == 0 ){

console.log('yes')

}else{

console.log('No')

}