**Javascript Task**

**1. Find Profit or Loss.**

let cp = 2500;

let sp = 3000;

if (cp > sp)

{

    var amt = cp - sp;

    var disc = (amt / cp) \* 100;

    console.log("Loss =",amt);

    console.log("Percentage =",disc);

}

else if (sp > cp)

{

    amt = sp - cp;

    disc = (amt / cp) \* 100;

    console.log("Profit =",amt);

    console.log("Percentage =",disc);

}

else

{

    console.log("No Profit No Loss");

}

**Output:**

Profit = 500

Percentage = 20

**2. Check number is positive or negative**

let n = -25;

if (n > 0)

{

    console.log(n+ " is positive number");

}

else if (n < 0)

{

    console.log(n+ " is negative number");

}

else

{

    console.log(n+ " is zero");

}

**Output:**

-25 is negative number

**3. Check number is Even or Odd.**

let n = 36;

if (n % 2 == 0)

{

    console.log(n+" is even number");

}

else

{

    console.log(n+" is odd number");

}

**Output:**

36 is even number

**4. check number is divisible by 5 and 7.**

let n = 30;

if (n % 5 == 0 && n % 7 == 0)

{

    console.log(n+" is divisible by 5 and 7");

}

else

{

    console.log(n+" is not divisible by 5 and 7");

}

**Output:**

30 is not divisible by 5 and 7

**5. Maximum from 2 nos.**

let a = 10;

let b = 20;

if (a > b)

{

    console.log(a+" is maximum");

}

else if (b > a)

{

    console.log(b+" is maximum");

}

else

{

    console.log("Both are equal");

}

**Output:**

20 is maximum

**6. Check number is 1 digit or 2 digit or …..**

let n = 175;

if (n >= 0 && n <= 9)

{

    console.log(n+" is one digit number");

}

else if (n >= 10 && n <= 99)

{

    console.log(n+" is two digit number");

}

else{

    console.log(n+" is more than two digit number");

}

**Output:**

175 is more than two digit number

**7. Minimum from 3 numbers.**

let a = 10;

let b = 20;

let c = 10;

if (a < b && a < c)

{

    console.log(a+" is minimum number");

}

else if (b < a && b < c)

{

    console.log(b+" is minimum number");

}

else if (c < a && c < b)

{

    console.log(c+" is minimum number");

}

else if (a == b && a < c)

{

    console.log("a and b equal and minimum number");

}

else if (a == c && a < b)

{

     console.log("a and c equal and minimum number");

}

else if (c == b && a < a)

{

    console.log("c and b equal and minimum number");

}

else

{

    console.log("All are equal");

}

**Output:**

a and c equal and minimum number

**8. Eligible for interview or not.**

let n = 4;

if (n == 2 || n == 3)

{

    console.log("Eligible for interview");

}

else

{

    console.log("Not eligible for interview");

}

**Output:**

Not eligible for interview

**9. Check ATM Pin is valid or not.**

let pin = 1234;

if (pin == 0605)

{

    console.log("Pin is Valid");

}

else

{

    console.log("Invalid pin");

}

**Output:**

Invalid pin

**10. Display tax on basic salary.**

let bs = 210000;

let tax = 0;

if (bs < 150000)

{

    tax = 0;

}

else if (bs >= 150000 && bs < 300000)

{

    tax = bs \* 0.05;

}

else if (bs >= 300000)

{

    tax = bs \* 0.07;

}

console.log("Tax on salary: $",tax);

**Output:**

Tax on salary: $ 10500