

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