Conditional Statements

09 January 2025   09:33

⇒ To make the set instructions execute when the given condition is True.
⇒ Used to decide whether the code has to executed or skip based on given condition.
⇒ Executed by line by line(sequence)
⇒ Block of code: set of instructions
⇒ It will execute only when specific condition is true.
⇒ Condition: an expression that evaluates an result(true or false)
  EX: console.log(5>6)

METHODS:

✓ **If**
✓ **If -else**
✓ **Else if**
✓ **Switch**
✓ **Ternary operator**

☎ **If:** only one possible condition

---> if the condition is true .it will execute otherwise it skip.

Syntax:
If(condition){
--- block of code
}
EX:

```
<script>
    let a=4
    let b=5
    if(a<b){
        document.write("hello Malli!!!")
    }
</script>
```

Output:

hello Malli!!!

Else:

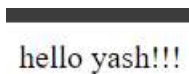**EX:**

```
<script>
    let a=4
    let b=5
    if(a>b){
        document.write("hello Malli!!!")
    }
    else{
        document.write("hello yash!!!")
    }
</script>
```

Output:

hello yash!!!

Else if:

Ex:

```
<script>
    let a=4
    let b=5
    let c=7
    if(a>b & b>c){
        document.write("hello Malli!!!")
    }
    else if(a<b & b<c){
        document.write("hello nani!!!")
    }
    else{
        document.write("hello yash!!!")
    }
</script>
```

Output:

hello nani!!!

Ex2:

```
<script>
    let age=prompt("enter your age")
    let name=prompt("enter your name")
    if(age<10){
        alert(name+ " you are young")
    }
    else if(age<=35 || age<50){
        alert(name+ " you are middle aged")
    }
    else{
        alert(name+ " you are old")
    }
    alert(name+" welcome to my programming world!!!")
</script>
```