JAVASCRIPT OPERATORS

08 January 2025   09:25

- **Arthimetic** :

--> +, -, *, /

Ex:

```
<script>
    let a=10
    let b=10
    document.write(a+b,"<br/>")
    document.write(a-b,"<br/>")
    document.write(a*b,"<br/>")
    document.write(a/b,"<br/>")
</script>
```

Output:

20
0
100
1

- **Assignment:**

 var student= "malli "
+=
-=
/=
%=

Ex:

```
<script>
        let a=10
        let b=5
        b+=30;
        document.write(b,"<br>")
        a+=30;
        document.write(a,"<br/>")
</script>
```

Output:
35
40

Logical operators:

And - &&
T and T =T
Or - ||
T or F =F
Not !

Ex:

```
<script>
    let a=10
    let b=5
    document.write(a>b,"<br/>")
    document.write(a&&b,"<br/>")
    document.write(a||b,"<br/>")
    document.write(a!=b,"<br/>")
</script>
```

Output:

True
5
10
True

Relational operators:

<,>,<=,>=,!=,==, ===,!===

Ex:

```
<script>
      let a=10
      let b=10
      document.write(a>b,"<br/>")
      document.write(a<b,"<br/>")
      document.write(a<=b,"<br/>")
      document.write(a>=b,"<br/>")
      document.write(a==b,"<br/>")
      document.write(a!=b,"<br/>")
</script>
```

Output:

False
False
True
True
True
False

Ex2:

```
<script>
    let a=10
    let b='10'

    document.write(a1=b,"<br/>")
    document.write(a!==b,"<br/>")
    document.write(a>b,"<br/>")
    document.write(a<b,"<br/>")
    document.write(a<=b,"<br/>")
    document.write(a>=b,"<br/>")
    document.write(a==b,"<br/>")
    document.write(a!=b,"<br/>")
</script>
```

Output:

10
True
False
False
True
True
True
False

Conditional operators: ternary operator(?)

--> first evaluates an expression for a true or false

Syntax:

Condition? e1:e2;

Ex:

```
<script>
        let a=10
        let b=1
        let c= (a>b)?a:b
        console.log(c)
        document.write(c)
</script>
```

Output:
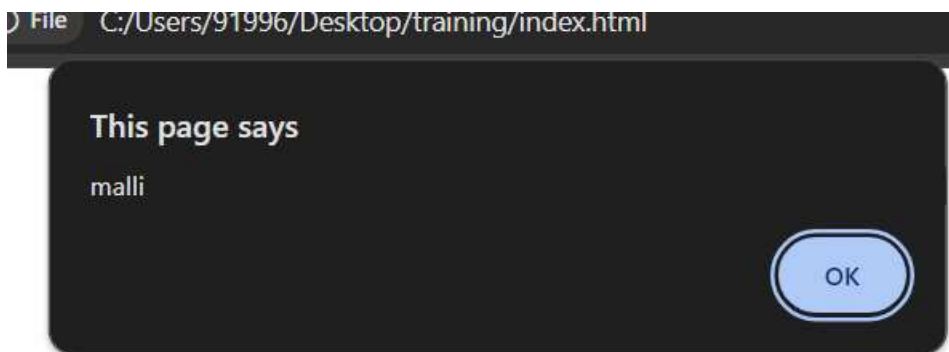
10

Window methods:

Alert : it gives alert message to windows
Ex:

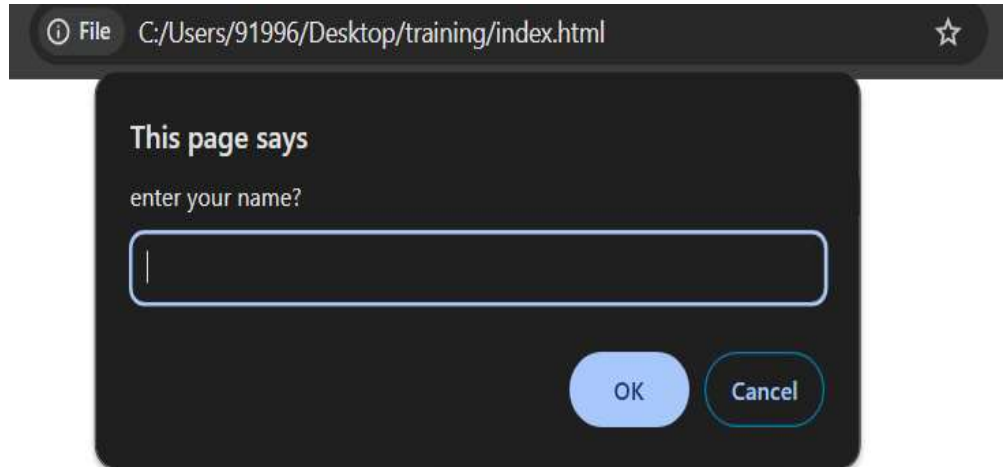```
<script>

        alert("malli")
</script>
```

Output:



prompt: it takes input from the user

Ex:

```
<script>
    let name=prompt("enter your name?")
    alert(name)
</script>
```

Output:

C:/Users/91996/Desktop/training/index.html

This page says

enter your name?

OK   Cancel

confirm: