**Q - Types of Comments**

   **1. Single Line Comments**

     //

   **2. Multi Line Comments**

     /* */

**Q - Types of Variables**

**-> There are 3 Types of Variables**

   **1. var** -> Same Variable name declare multiple times or value assign multiple times.

   **2. let** -> Same Variable name not declare multiple times or Value assign multiple times.

   **3. const** -> one time declare variable and assign the value after assign value for same variable for show error.

**Q - Different Type of Data-types in JavaScript**

   var x = "Hello World";    ----> String

   var x = 25;    ----> Number

   var x = true;    ----> Boolean

   var x = ["HTML","CSS","JS"]    ----> Array

   var x = {first:"Abc",last:"Xyz"};  ----> Object

   var x = null;    ----> null

   var x;    ----> Undefined

**Q - Arithmetic Operators**

+   Addition

-   Subtraction

*   Multiplication

/   Division

%   Modulus(Reminder)

**   Exponentiation

++   Increment

--   Decrement


**Q - Assignment Operators**

=       X=Y

+=      X=X+Y

-=      X=X-Y

*=      X=X*Y

/=      X=X/Y

%=      X=X%Y

**=     X=X**Y


**Q - Comparison Operators**

==      equal to

!=      not equal

\>      greater than

\<      less than

>=      greater than or equal to

<=      less than or equal to

## Q - Logical Operators

&&    AND

||    OR

!    NOT

## Q - Multiple Events in JavaScript

### 1. Click Event

Click (onclick)

Double Click (ondblclick)

Right Click (oncontextmenu)

### 2. Mouse Event

Mouse Hover (onmouseenter)

Mouse Out (onmouseout)

Mouse Down (onmousedown)

Mouse Up (onmouseup)

### 3. Key-Press Event

Key Press (onkeypress)

Key Up (onkeyup)

### 4. Page Event

Load (onload)

Unload (onunload)

Resize (onresize)

Scroll (onscroll)

## Q - Types of Loops in JavaScript

1. While loop

2. do/while loop

3. for loop

4. for/in loop (Objects)

5. forEach (Array)

## Q - JavaScript Array Methods

1) sort()
2) reverse()
3) pop()
4) push()
5) shift()
6) unshift()
7) concat()
8) join()
9) slice()
10)       splice()
11)       isArray()
12)       indexOf()
13)       lastIndexOf()
14)       entries()

15)      every()
16)      filter()
17)      find()
18)      findIndex()
19)      includes()
20)      some()
21)      forEach()
22)      toString()
23)      valueOf()
24)      fill()


## Q – JavaScript String Methods

1) length                →      **This is Property**
2) toLowerCase()
3) toUpperCase()
4) includes()
5) startsWith()
6) endsWith()
7) search()
8) match()
9) indexOf()
10)      lastIndexOf()
11)      replace()
12)      trim()
13)      charAt()
14)      charCodeAt()
15)      fromCharCode()
16)      concat()
17)      split()
18)      repeat()
19)      slice()
20)      substr()
21)      substring()

**22)**    toString()
**23)**    valueOf()