

Question 1 :

Explore and explain the various methods in console function

Explain them

Ex. `console.log()`

`console.warn()`.

etc...

Answer1:

`console.log()`:

1. `console.log()` method is used to print anything on the console of the webpage.

2. It is used in large programs to check proper working of the program.

eg. `console.log("Microsoft");`

`console.warn()`:

1. `console.warn()` method is used to print the various warning messages, in the console of the webpage.

eg: `console.warn("This is a warning!");`

Question 2 :

Write the difference between var, let and const with code examples.

Answer2:

1. var is used to declare global variables. These variables can be used or modified anywhere in the whole program, irrespective of blocks.

`var name="Raghav";`

`console.log(name);` // Raghav is printed

2. let is keyword used to maintain the scope of variable i.e. to declare local variables.

These variables cannot be used outside the block.

{

`let name="Jack";`

`console.log(name);` // Jack is printed

}

`console.log(name);` // Raghav is printed

3. const keyword is basically used to declare constant variables. These variables cannot be modified at any cost. Also the value of constant variables should be assigned during declaration. There is an exception for const array and object variables, they can be modified using methods, but the whole array or object cannot be modified.

`const name="John";`

`console.log(name);` // John is printed

`name="Rohan";` //Throws error

Question 3 :

Write a brief intro on available data types in Javascript.

Answer3:

Datatypes in JS are:

1. String: String datatype is used for storing group or sequence of characters. Strings in javascript is defined within "".

`var name="Sanika";`

2. Number: Integers, decimals or float values can be stored in number type.

`var age="25";`

3. Boolean: Boolean datatypes store "true" or "false" values.

```
var isMorning=true;
```

4. Array: Array datatype is used for storing list of values into a single variable.

```
var language=["java","python","c"];
```

5: Object: Object datatype is used for storing various datas of different datatypes into a single variable.

```
var user={  
  name: Gaurav,  
  age:5  
};
```