

Introduction JavaScript Programming

Module 4 - Java Script Output

 **CBSE**

In JavaScript, output typically refers to displaying results of operations, calculations, or updates to the user, either in the browser or in the developer's console.

 **ICSE**

1. console.log()

The most common way to output information during development or debugging is to use console.log(). This method prints data to the console (usually the developer tools console in browsers).

 **NTSE**

Example:

```
console.log("Hello, World!");
```

 **Banking & Insurance**

Explanation:

The console.log() function outputs "Hello, World!" to the browser's developer console.

This is useful for debugging or viewing the result of variables and expressions.

 **Central Govt. Service**

2. alert()

The alert() method is used to display a pop-up message in the browser. It's typically used for quick notifications or debugging in a basic, non-invasive manner.

 **State Govt. Services**

Example:

```
alert("This is an alert!");
```

 **LAW Entrance**

Explanation:

When this code runs, the browser shows a pop-up message box with "This is an alert!".

The user must click "OK" to close the alert box.

Note: This is not commonly used for final applications but can be useful for learning and debugging.

 **MBA Entrance**

 **Railways & Metro Services**

3. document.write()

...many more

abhyasonline.in

Course
&
Test Series

Introduction to 'JavaScript' Language

The document.write() method writes directly to the HTML document from JavaScript. It's often discouraged in production-level code because it can overwrite the entire document if called after the page is fully loaded.

Example:

```
document.write("Hello from JavaScript!");
```

Explanation:

When the page loads, this will write the string "Hello from JavaScript!" directly onto the page.

If used after the page load, it can cause unwanted results like replacing the entire document content.

4. Manipulating HTML with innerHTML

You can dynamically update the content of an HTML element using the innerHTML property.

Example:

```
<!DOCTYPE html>
<html>
<head>
  <title>JavaScript Output</title>
</head>
<body>
  <h1 id="greeting">Original Greeting</h1>
  <script>
    document.getElementById("greeting").innerHTML = "Hello, JavaScript!";
  </script>
</body>
</html>
```

Explanation:

- This changes the content inside the <h1> tag with the id="greeting".
- The text inside the h1 will be replaced by "Hello, JavaScript!" after the script runs.



...many more

abhyasonline.in



Course
&
Test Series

Introduction to 'JavaScript' Language

Assignment

Ques 1: Write a JavaScript program to display the following text on a webpage using document.write():

10 Lines on Computer Literacy

1. Computer literacy refers to the ability to use computers and related technology efficiently.
2. It includes basic skills like typing, internet browsing, and using software applications.
3. Being computer literate is essential in today's digital age for both personal and professional growth.
4. It empowers individuals to access and share information quickly and effectively.
5. Computer literacy enhances productivity by automating repetitive tasks.
6. It is a critical skill for students, helping them in research, assignments, and online learning.
7. For professionals, computer literacy opens doors to better job opportunities and career advancement.
8. It helps people stay connected with others through emails, social media, and virtual communication platforms.
9. Lack of computer literacy can limit an individual's access to information and opportunities.
10. Promoting computer literacy is crucial for bridging the digital divide and fostering a tech-savvy society.

Ques 2: Write a JavaScript program to display the following text on a webpage using document.write():

Few Lines on Happiness in Life

1. Happiness is a state of mind that comes from inner peace and contentment.
2. It is not just about material possessions but about finding joy in the little moments.
3. Spending time with loved ones often brings immense happiness.
4. True happiness comes from self-acceptance and a positive outlook on life.
5. Helping others and spreading kindness can increase happiness.
6. Pursuing passions and hobbies adds meaning and joy to life.
7. Gratitude for what we have is a powerful source of happiness.
8. Happiness grows when we focus on the present moment rather than dwelling on the past or worrying about the future.

 CBSE

 ICSE

 NTSE

 Banking & Insurance

 Central Govt. Service

 State Govt. Services

 LAW Entrance

 MBA Entrance

 Railways & Metro Services

...many more

abhyasonline.in