

- **What is JavaScript?**

JavaScript is a scripting language that enables you to create dynamically updating content, control multimedia, animate images, and pretty much everything else.

- **What is the use of isNaN function?**

The function isNaN() is used to check the value of any variable or state is a number or not. In this example we will check input is a number or not.

- **What is negative Infinity?**

The negative infinity in JavaScript is a constant value that is used to represent a value that is the lowest available. This means that no other number is lesser than this value. It can be generated using a self-made function or by an arithmetic operation.

- **Which company developed JavaScript?**

JavaScript developed by Netscape Communications in 1995.

- **What are undeclared and undefined variables?**

Undeclared variables are those that have not been declared or defined in the current scope, while undefined variables are those that have been declared but not given a value.

- **Write the code for adding new elements dynamically?**

```
<html>
  <head>
    <title>Document</title>
  </head>
  <body>
    <div>
      <h1>this is my js</h1>
      <p>abcd.</p>
    </div>
    <script>
      let pera = document.createElement('h2')
      pera = document.innerHTML = "this is my new element
"
```

```

        document.body.append(pera);
        let body = document.getElementsByTagName("body")
        let div = document.createElement("div");
        let p = document.createElement("p");
        div.append("Some text", p);

    </script>
</body>
</html>

```

- **What is the difference between ViewState and SessionState?**

Session state is saved on the server, ViewState is saved in the page. Session state is usually cleared after a period of inactivity from the user (no request happened containing the session id in the request cookies). The view state is posted on subsequent post back in a hidden field.

- **What is === operator?**

The strict equality (===) operator checks whether its two operands are equal, returning a Boolean result. Unlike the equality operator, the strict equality operator always considers operands of different types to be different.

- **How can the style/class of an element be changed?**

It can be done in the following way:

```
document.getElementById("myText").style.fontSize = "20px";
```

- **How to read and write a file using JavaScript?**

Write in a file: - writeFile(path, inputData, callBackFunction).

Read a file: - readFile(path, format, callBackFunc)

- **What are all the looping structures in JavaScript?**

Types of loops in JS: -

1. For,
2. For-in,
3. For-of,
4. While,
5. Do-While

- **How can you convert the string of any base to an integer in JavaScript?**

We have 3 ways to convert the String of any base to an Integer.

1. Using parseInt() method
2. Using Number() method
3. Using Unary operator (+)

- **What is the function of the delete operator?**

The delete operator removes a property from an object. If the property's value is an object and there are no more references to the object, the object held by that property is eventually released automatically.

- **What are all the types of Pop up boxes available in JavaScript?**

JavaScript has three kind of popup boxes:

Alert box,
Confirm box,
Prompt box.

- **What is the use of Void (0)?**

The void operator is used to evaluate an expression and returns the undefined. Generally, this operator is used for obtaining the undefined primitive value. It is often used with hyperlinks.

- **How can a page be forced to load another page in JavaScript?**

In JavaScript, we can use window.location object to force a page to load another page. We can use the location object to set the URL of a new page.

There are different ways –
window.location.href property,
window.location.assign()
window.location.replace()

- **What are the disadvantages of using innerHTML in JavaScript?**

- The use of innerHTML very slow

- Preserves event handlers attached to any DOM elements

- Content is replaced everywhere

- Appending to innerHTML is not supported

- Old content replaced issue

- Can break the document

- Can also be used for Cross-site Scripting(XSS)