1) What is JavaScript. How to use it?

JavaScript is a text-based programming language used both on the client-side and server-side that allows you to make web pages interactive. Where HTML and CSS are languages that give structure and style to web pages, JavaScript gives web pages interactive elements that engage a user.

Q.2 How many type of Variable in JavaScript?

There are two types of variables in JavaScript : local variable and global variable. There are some rules while declaring a JavaScript variable (also known as identifiers).

Var ,let and const

Q.3 Define a Data Types in js?

Data types in JavaScript define the data type that a variable can store. JavaScript includes primitive and non-primitive data types. The primitive data types in JavaScript include string, number, boolean, undefined, null, and symbol. The non-primitive data type includes the object.

Q.5 What the deference between undefined and undeclare in JavaScript?

Undefined: It occurs when a variable has been declared but has not been assigned any value. Undefined is not a keyword.

Undeclared: It occurs when we try to access any variable that is not initialized or declared earlier using the var or const keyword.

Q.10 What is Condition Statement?

Conditional statements control behavior in JavaScript and determine whether or not pieces of code can run. There are multiple different types of conditionals in JavaScript including: “If” statements: where if a condition is true it is used to specify execution for a block of code.

Q.18 What is a Loop and Switch Case in JavaScript define that ?

JavaScript switch statement provides a way to execute different code blocks based on different conditions. It’s an alternative to using multiple if...else if...else statements when you have multiple conditions to check.

JavaScript Loops

JavaScript Loops are powerful tools for performing repetitive tasks efficiently. Loops in JavaScript execute a block of code again and again while the condition is true.

Q.19 What is the use of is Nan function?

Description. In JavaScript NaN is short for "Not-a-Number". The isNaN() method returns true if a value is NaN. The isNaN() method converts the value to a number before testing it.

Q.20 What is the difference between && and || in JavaScript?

If you are using || the compiler checks left and right from this operator and it enough if min ONE side return true. If you are using a && operator BOTH sides have to be true (or false).

Q.21 What is the use of Void (0)?

One of the main reasons to use void(0) is to prevent the page from refreshing, especially when using anchor tags <a> . In JavaScript-enabled browsers, <a href="javascript:void(0)"> prevents the default action of clicking a hyperlink, which is navigating to a new URL.

\*\* What is negative Infinity?

NEGATIVE\_INFINITY is a special numeric value that is returned when an arithmetic operation or mathematical function generates a negative value greater than the largest representable number in JavaScript (i.e., more negative than -Number.

• Which company developed JavaScript?

JavaScript was created at Netscape Communications by Brendan Eich in 1995. Netscape and Eich designed JavaScript as a scripting language for use with the company's flagship web browser, Netscape Navigator.

• What is the difference between ViewState and SessionState?

View state can only be visible from a single page and not multiple pages. Session state value availability is across all pages available in a user session. It will retain values in the event of a postback operation occurring. In session state, user data remains in the server.