SNS COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CLIENT vs SERVER JAVA SCRIPT

Client-side vs. Server-side JavaScript

- When JavaScript is used on a web page, it is executed in web browsers, serving as a client-side language.

- JavaScript can run on both web browsers and servers. A popular JavaScript server-side environment is [Node.js](). Unlike client-side JavaScript, server-side JavaScript executes on the server and allows you to access databases, file systems, etc.

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JAVASCRIPT BASICS

BASIC EXAMPLE

Javascript example is easy to code.

JavaScript provides 3 places to put the JavaScript code:

- within body tag,

- within head tag and

- external JavaScript file.

BASIC EXAMPLE

- The **script** tag specifies that we are using JavaScript.

- The **text/javascript** is the content type that provides information to the browser about the data.

- The **document.write()** function is used to display dynamic content through JavaScript. We will learn about document object in detail later.

BASIC EXAMPLE

- <script type="text/javascript">
- document.write("JavaScript is a simple language for javatpoint learners");
- </script>

- <html>
- <head>
- <script type="text/javascript">
- function msg(){
- alert("Hello Javatpoint");
- }
- </script>
- </head>

- <html>
- <head>
- <script type="text/javascript">
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- </script>
- </head>

External JavaScript file

- We can create external JavaScript file and embed it in many html page.

- It provides **code re usability** because single JavaScript file can be used in several html pages.

- An external JavaScript file must be saved by .js extension. It increases the speed of the webpage.

External JavaScript file

- **message.js**
- function msg(){
- alert("Hello Javatpoint");
- }

External JavaScript file

- <html>

- <head>

- <script type="text/javascript" src="message.js"></script>

- </head>

- <body>

- <p>Welcome to JavaScript</p>

- <form>

- <input type="button" value="click" onclick="msg()"/>

- </form>

- </body>

- </html>