**Siempre incluir con JQuery**

  <script src="scripts/jquery-1.11.0.min.js" type="text/javascript"></script> **JQUERY CORE**

  <script src="scripts/jquery-ui-1.10.3.min.js" type="text/javascript"></script> **JQUERY UI**

**Con Javascript**

**// si ocupa funciones como .hide .show etc, agregue**

**<script type="text/javascript" src="scripts\jquery-1.6.2.min.js"></script>**

**// si ocupa funciones sencillas**

**<script type="text/javascript">**

**$(document).ready(function () {**

**// agregue funciones**

**});**

**</script>**

<html>

<head>

<title></title>

<meta http-equiv="Content-Script-Type" content="text/javascript" />

<script type="text/javascript" language="javascript">

</script>

</head>

<html>

**Introduction to JavaScript**

JavaScript is a client scripting language developed by Netscape Communications Corporation to enhance HTML documents.

It allows web authors to include interative elements such as buttons and checkboxes or to cause a linked page to pop up in a separate window.

It is an event-driven language.

It is a client-side language that's emnbedded in an HTML document, browsers can handle it without spending time communicationg with a server

**Java** is an object-oriented programming language. It can create standalone applications. The objects created with Java can have relationships with each other by inheriting object characteristics such as properties. Java requires a server to compile the language, which means it's downloaded as a separate file with its own filename extension. Java can be used to build a browser, whereas JavaScript can be used only by a browser.

**JavaScript** is an object-based scripting language that is embedded within an HTML file. Structurally, it has no hieranchy, no class system, nor the ability of objects to inherit a previous object's properties or methods. Objects cannot be related. JavaScript cannot be used to create standalone or mini-applications (such as an applet). The script code does not need compiling because a browser interprets it. Data types do not need to be defined. It is a client-side means it runs in the browser.

**Java applet** is a mini-application that's sent to a user as a separate file with a web page. It provides a web page with interative functionality such as interactive animation. Java uses a self-contained operating environment called a Java Virtual Machine (JVM) to run compiled Java programs. thanks to the JVM, programs written in Java don't have to be rewritten to run on different computers. Java applets favor security because they cannot access a user's hard drive.

**JScript** is a modified version of JavaScript developed by Microsoft. It can fit in with any application that supports Windows Scripting, such as Internet Explorer, Active Server Pages (ASP) and WIndows Script Host (WSH). It works and performs in the same way as JavaScript, but has modified language changes for Microsoft products.

**VBScript** is an object-based scripting language developed by Microsoft. It is event-driven just like JavaScript, but is based on Microsoft's Visual Basic language.

function alertUser( )

{

document.write( ' You have ' + var1 +' dollars.<br> ' );

alert( ' Hello ' ) ;

}

|  |  |  |  |
| --- | --- | --- | --- |
| Object | Properties | Methods | Event Handlers |
| Button | Form | Blur | OnBlur |
|  | Name | Click | OnClick |
|  | Type | Focus | OnFocus |
|  | Value |  |  |

An event handler is an object characteristic that works when loaded into the browser's memory

**Preload images**

<SCRIPT>

<!--

if (document.images)

{

one = new Image one.src = "1.gif"

two = new Image two.src = "2.gif"

}

Sniffer: Piece of code that retrieves browser-specific information and then implements processes depending on that information

A Hypertext Transfer Protocol (HTTP) server is responsable for the exchange of information over the World Wide Web. It is also known as a web server.

HTTP servers user the HTTP protocol to serve up documents and associated files and scripts when requested by a client such as a web browser.

Browser enable computers to connect to a HTTP server.

Popular HTTP serves

* Apache
* Netscape
* Microsoft Internet Information Server (IIS)

JavaServer Pages (JSP) and Active Server Pages (ASP) allows a server to run an application before it is sent to a user.

The server processes the request, and removes all of the code, before returning the content to the user. The user only receives HTML content.

Which of the following is JavaScript able to do?

|  |  |  |
| --- | --- | --- |
|  | Define object properties | This was a correct option |
|  | Create interactive elements | This was a correct option |
|  | Create a mini-application | This was not a correct option |
|  | Define data objects | This was a correct option |