Tutorial 1: *Programming with JavaScript*

JavaScript vs. Java

JavaScript and Java are two completely different languages, in both concept and design. Only their names are similar. Listed below are some key differences between JavaScript and Java.

- JavaScript is an OOP scripting language that was invented by Brendan Eich at Netscape, Inc. and appeared for the first time in Netscape Navigator (a no longer existing web browser) in1995.

- Java is a general-purpose Object Oriented Programming (OOP) language was created by James Gosling at Sun Microsystems (which has since merged into Oracle Corporation) and released in 1995. Java derives much of its syntax from C and C++.

- The JavaScript language is not part of the Java platform.

- In its most common form today JavaScript resides inside HTML documents and can provide levels of interactivity to web pages that are not achievable with simple HTML.

- Java creates stand-alone applications and applets. JavaScript does not. (An applet is a small program that can be sent along with a Web page to a user. Java applets can perform interactive animations, immediate calculations, or other simple tasks without having to send a user request back to the server.)

- For more information please see Difference between Java and JavaScript.