







TYPES OF PROGRAMMING LANGUAGES

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HIGH-LEVEL	Humans Understand		
6	Fortran	C, C++, C#	JavaScript
slat	High-Level Language		
lran	Assembly Language		
	Machine Language		
LOW-LEVEL	Computers Understand		

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High- and low-level programming languages











Transla	ting hui	man to r	machine
HIGH-LEVEL	Humans Understand		
Translated	Fortran	C, C++, C#	JavaScript
	High-Level Language		
	Assembly Language		
	Machine Language		
LOW-LEVEL	Computers Understand		







Also called *scripting* languages

INTERPRETED LANGUAGES









All about

JAVASCRIPT



Divergence from standards				
Developer	Name			
Netscape (now Mozilla)	JavaScript			
Microsoft	JScript			
 Programmers call both <i>JavaScript</i>. Both comply differently with the standards 				
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Adding interaction to a static HTML page

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- Understand how JavaScript and HTML interact
- Understand where to place JavaScripts on the HTML page

Client-side scripts

• Your Web browser on your computer is the client

Server-side scripts

- Web server
- Database server
- File server

- Make changes scripts in one place
- Reusable
 - Link to
 - any page,
 - every page, or
 - many sites

- Best practice to separate Content from Action from Appearance
 - Put styles in external CSS
 - Put scripts in external JavaScript files
 - Leave only the HTML markup and content on the page
- Accomplishing that goal takes more experience....

- Understand how JavaScript and HTML interact
- Understand where to place JavaScripts on the HTML page