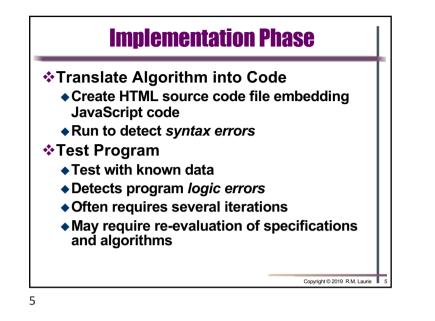
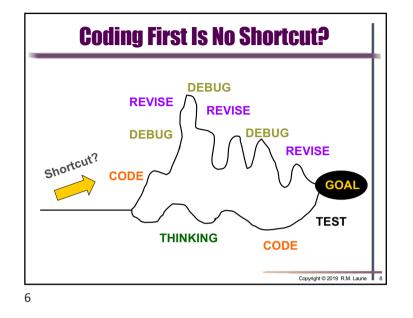


1





JavaScript Programming Language

- All Web browsers support the JavaScript client-side scripting language and contain the JavaScript Interpreter, which processes JavaScript commands.
- JavaScript code usually appears in the <head> section of the HTML document. The browser interprets the contents of the <head> section first, before the <body> of the HTML document is rendered.
- JavaScript is Case Sensitive and all Keywords must be lower case
- JavaScript is an object based language
- Whitespace is ignored = space, tabs, new lines
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HTML <script> Element

<script> element indicates to browser that text that follows is part of a script.

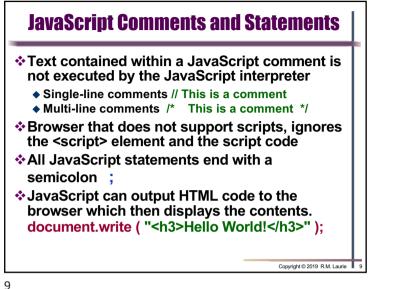
- Most browser use JavaScript as the default scripting language
- ◆ type attribute specifies type of scripting language and is optional for HTML5

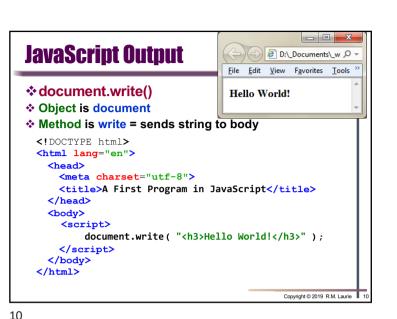
<script type="text/javascript"> script code statements; </script>

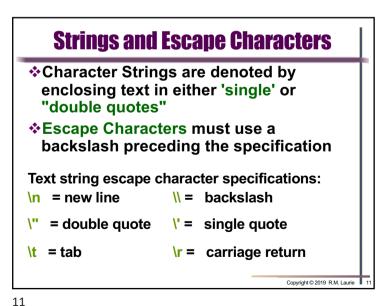
8

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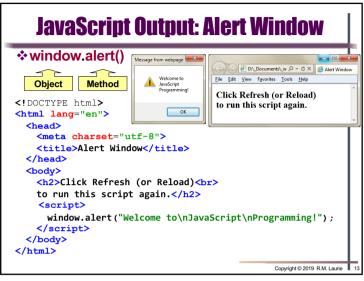
7



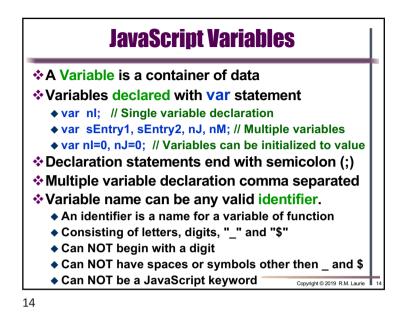


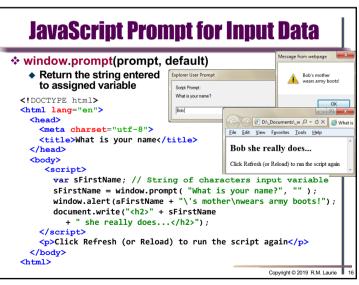




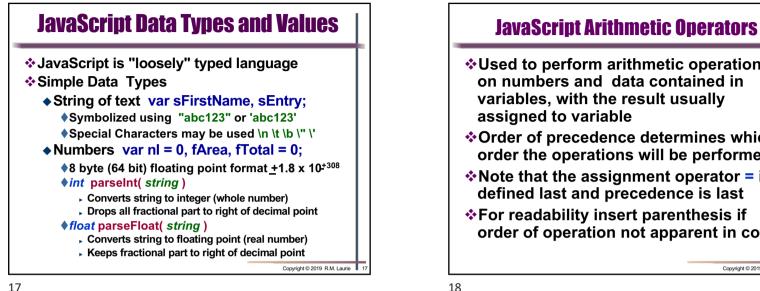


JavaScript Keywords							
SavaScript has only 22 keywords that can NOT be used for an identifier name.							
break	case	cont	inue de	lete	do		
else	false	for	fur	nction	if		
in	new	null	ret	urn	switch		
this	true	type	of vai	r	void		
while	with						
Twelve other keywords also can not be used for identifiers							
catch	class	const	debugge	er defa	ult		
enum	export	extends	finally	imp	ort 🛛		
super			-	Copyrig	pht© 2019 R.M. Laurie		



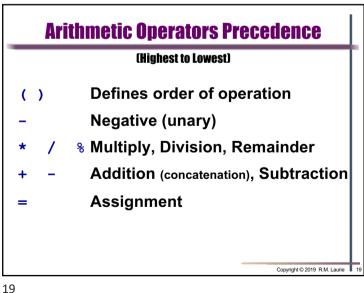


Copy



*****Used to perform arithmetic operations on numbers and data contained in variables, with the result usually assigned to variable *****Order of precedence determines which order the operations will be performed *Note that the assignment operator = is defined last and precedence is last *For readability insert parenthesis if order of operation not apparent in code

17



3 Exams Average Example

<pre><!DOCTYPE html> <html lang="en"> <html "="" "0");="" +="" 3="" 3.0);<="" <="" enter="" exam="" fscore;="" ftotalscore="" html="" lang="en</th></tr><tr><td colspan=8><pre>lsEntry = window.prompt(" ldocument.write("average="" lfscore="parseFloat(sEntry);" lftotalscore="fTotalScore" pre="" score="" score",=""></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></pre>								
Explorer User Prompt	Explorer User Prompt	Explorer User Prompt						
Script Prompt: Enter Exam 1 Score	Script Prompt: Enter Exam 2 Score	Script Prompt: Enter Exam 3 Score	File Edit Yew Yew Favorites Tools Help					
82	92	89	Average Score = 87.66666666666667					

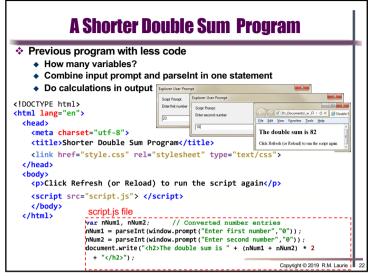
20

Copy

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CMIS102: Slide Set 3 - Sequential Programming

<pre><!DOCTYPE html> <html lang="en"> <head> <meta charset="utf-8"/> <thead> <meta charset="utf-8"/> <thead> endotype endotype var sEntry1, sEntry2; var nNum1, nNum2, nSu sEntry1 = window.prom // Convert numbers f nNum1 = parseInt(sEntr nNum2 = parseInt(sEntr nNum2 = parseInt(sEntr nNum2 = parseInt(sEntr nNum2 = parseInt(sEntr nSum = nNum1 + nNum2; var nDouble = nSum * // Display the resul document.write("<horn s<="" second="" th="" the="" to=""><th><pre>oad) to run t // Strings m; //Prompt pt("Enter fir pt("Enter sec rom strings ry1); ry2); 2; ts</pre></th><th><pre>www.interpretation of the second second</pre></th><th>s Help S2 the script again rs</th></horn></thead></thead></thead></thead></thead></thead></thead></thead></thead></thead></thead></thead></thead></thead></thead></thead></thead></thead></thead></thead></thead></thead></thead></thead></thead></thead></thead></thead></thead></thead></thead></thead></thead></thead></thead></thead></thead></thead></thead></thead></thead></head></html></pre>	<pre>oad) to run t // Strings m; //Prompt pt("Enter fir pt("Enter sec rom strings ry1); ry2); 2; ts</pre>	<pre>www.interpretation of the second second</pre>	s Help S2 the script again rs
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