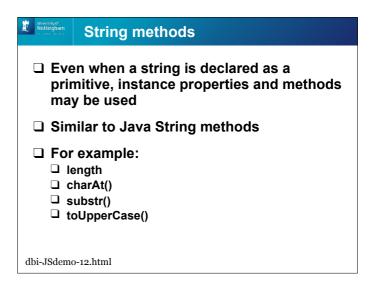
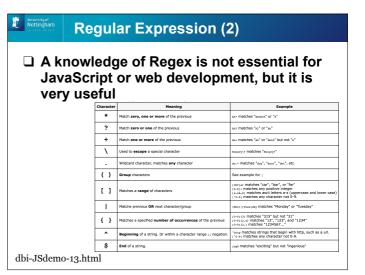
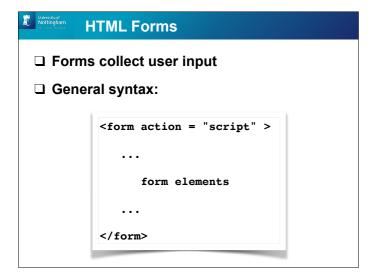


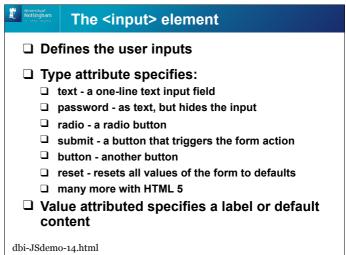
JavaScript Strings
☐ Strings can be either primitive values or objects
 □ For example: □ var a = "Nottingham" □ var b = new String("Nottingham") □ a is a string variable, b is a string object □ Usually bad practice to create string objects □ Be careful with type comparisons □ NB == compares contents === compares content and type
dbi-JSdemo-11.html



University of Nottingham	Regular Expressions
	gular Expressions (regex) provide very phisticated string matching
su	ing.search and String.replace methods pport regex also there is a RegExp ject with a test() method
	r example: b[aeiou]t/i matches bat, bet, bit, bot and but (case insensitive) 'Bit".search(/b[aeiou]t/i) will return 0 'Cat".search(/b[aeiou]t/i) will return -1







University of Nottingha	Other <form> elements</form>
	These also define user inputs, but they are not a part of the <input/> element
	<textarea></td></tr><tr><td></td><td>☐ Defines a multi-line text input</td></tr><tr><td></td><td> Must be sized - either with rows and cols attributes or
using CSS </td></tr><tr><td></td><td>☐ With modern browsers this is resizable by the user</td></tr><tr><td></td><td><select></td></tr><tr><td></td><td>☐ Defines a pull-down list</td></tr><tr><td></td><td>□ <option> specifies list values</td></tr><tr><th></th><th><button></th></tr><tr><td></td><td>☐ Similar to <input type="button">, but does not trigger the form action</td></tr><tr><td>dbi-JSd</td><td>emo-15.html</td></tr></tbody></table></textarea>

University of Nottingham	Useful <form> attributes</form>
	ese attributes can be used with any form ment, and control the user interface
	can be set under JavaScript control e DOM)
□ val	ue Contains a default value
□ dis	
ا ت	Disables (greys out) the element
☐ rea	donly
☐ siz	e
□ i	n characters

Form actions		
The forms action attribute can be used to specify JavaScript		
☐ For example:		
□ action = "javascript:handleForm()"		
executes the handleForm() function		
☐ Alternatively you can use the onclick() event		
onclick attribute can be added to <button></button>		
☐ or any HTML tag		
☐ Use DOM to extract values from elements		
dbi-JSdemo-16.html dbi-JSdemo-17.html		

University of Nottingham	Debugging JavaScript
_	e the JavaScript console of your owser
□ co	nsole.log() writes to the console
☐ Usual debugger tools are available in most browsers (breaks, watches etc.)	
dbi-JSdem	o-18.html

