

LESSON 4: VISUAL DIRECTION AND COMPLEX DATA TYPES

ARRAYS

A data type used to store	_ of data.
Declared using the the following syntax	:
Access items in an array by their	, which count up from:
OBJECTS	
A data type that allows us to packagedata storage with relatedthink of things in the real world.	
Many objects exist as a part of JavaScr through like jQuery; we 	
Access properties or methods using	notation:

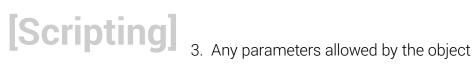
[Scripting]

BUILT-IN OBJECTS

JavaScript has a number of helpful obj	ects built into it:
» properties of the curr offset, scroll position, and more.	ent browser window such as top
» properties and actio	ns happening in the current page.
» operations such as	().
» formatting and conv	versions such as()
» for sorting, adding an and().	d removing items with()
» tons of helpful operation	ns and values such as
(),(),	(), and many more.
» for working with comple	x dates a rather complex data
type.	
CREATING OBJECTS	
Define them on the fly with	notation



Provide pairs separated by			
Or declare as a	predefined "class" v	with	notation:
1. The	of the object/o	class, usually capitalized	
2	for setting up	o the object	
	ed (e desired value.	using the keyword	and
	ed funct	using the keyword this ar	nd assigning
Create an instar	nce of a predefined	ohiact/class:	
orcate arringtar	ice of a predefined	object/oldss.	
1. Typically a va	ariable to store the	object instance	
2. Name of the	object/class after	the keyword new	



ARRAYS AND OBJECTS

We can use arrays to keep of			
And we can store arrays on objects to keep track of	liete		