Java Arrays

Array are used to store multiple values in a single variable.

String[] cars;

Access the Element of an Array

you access an array Element by referring to the index number

40	55	63	17	22	68	89	97	89

0   1   2   3   4   5   6   7   8   ← Array Indices

Array Length = 9
first index = 0
Last index = 8.

One dimentional array

type[] var-name;

Accessing Java array Elements using for Loop.

A goal is a dream with a deadline.

Each Element In the array is accessed Via its index.

the index begin with 0 and ends at (total array size) -1.

Multidimentional array

this is arrays of array with each Element of the array holding the reference of other array

Class Objects for array :

Every array has an associated class object Shared with all other arrays with same component type.

cloning array:

One dimontional cloning array

two dimentional cloning array.

January							February							March							April							May							June						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
		1	2	3	4								1	30	31					1			1	2	3	4	5					1	2	3	1	2	3	4	5	6	7
5	6	7	8	9	10	11	2	3	4	5	6	7	8	2	3	4	5	6	7	8	6	7	8	9	10	11	12	4	5	6	7	8	9	10	8	9	10	11	12	13	14
12	13	14	15	16	17	18	9	10	11	12	13	14	15	9	10	11	12	13	14	15	13	14	15	16	17	18	19	11	12	13	14	15	16	17	15	16	17	18	19	20	21
19	20	21	22	23	24	25	16	17	18	19	20	21	22	16	17	18	19	20	21	22	20	21	22	23	24	25	26	18	19	20	21	22	23	24	22	23	24	25	26	27	28
26	27	28	29	30	31		23	24	25	26	27	28		23	24	25	26	27	28	29	27	28	29	30				25	26	27	28	29	30	31	29	30					