

2014

May

THURSDAY 22

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 dimensional array

type[] var-name;

Notes

Accessing Java array elements using for loop.

A goal is a dream with a deadline.

July	August	September	October	November	December
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 5	31 1 2	1 2 3 4 5 6	1 2 3 4	30 1	1 2 3 4 5 6
6 7 8 9 10 11 12	3 4 5 6 7 8 9	7 8 9 10 11 12 13	5 6 7 8 9 10 11	2 3 4 5 6 7 8	7 8 9 10 11 12 13
13 14 15 16 17 18 19	10 11 12 13 14 15 16	14 15 16 17 18 19 20	12 13 14 15 16 17 18	9 10 11 12 13 14 15	14 15 16 17 18 19 20
20 21 22 23 24 25 26	17 18 19 20 21 22 23	21 22 23 24 25 26 27	19 20 21 22 23 24 25	16 17 18 19 20 21 22	21 22 23 24 25 26 27
27 28 29 30 31	24 25 26 27 28 29 30	28 29 30	26 27 28 29 30 31	23 24 25 26 27 28 29	28 29 30 31

23 FRIDAY

2014
May

Each Element in the array is accessed via its index.

The Index begin with 0 and ends at (total array size) - 1.

Multidimensional 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 dimensional cloning array

two dimensional cloning array.

Notes

Expect the best. Prepare for the worst. Capitalize on what comes.

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