**ARRAYS IN JAVA**

QUES-1) WHAT DO YOU MEAN BY AN ARRAY?

ANS) THE COLLECTION OF SIMILAR ELEMENTS.

QUES-2) HOW TO CREATE AN ARRAY?

ANS) IN THIS WE HAVE TWO PHASE :-

1. DECLARATION
2. INITIALIZATION

TO CREATE AN 1-D ARRAY:-

Int a[] = new int[5];

QUES-3) CAN WE CHANGE THE SIZE OF THE ARRAY AT RUNTIME?

ANS) NO

QUES-4) CAN YOU DECLARE AN ARRAY WITHOUT DECLARE THE SIZE OF AN ARRAY?

ANS) YES.

QUES-5) WHAT IS THE DEFAULT VALUE OF AN ARRAY?

ANS) IT DEPENDS ON THE TYPE OF ARRAY WE USE:

* BOOLEAN – TRUE/FALSE
* STRING- NULL
* INT- 0

QUES-6) WHAT IS AN 1-D ARRAY, WRITE AN EXAMPLE?

ANS) 1-D ARRAY- THE ARRAY IN WHICH THE ELEMENTS ARE ASSIGNED IN A SINGLE ROW.

FOR EG- int nums[] = new int[5];

QUES-7) WRITE AN PROGRAM OF 2-D ARRAY?

ANS)

Int nums[][] = {

{1,2,3},

{4,5,6},

{7,8,9}

};

For(int i=0; i<=2; i++){

For(int j=0; j<=2; j++){

System.out.print(nums[i][j]);

}

}

This program will display all the elements of array.

* WHEN WE PASS AN ARRAY TO A METHOD, THEN METHOD RECEIVES AN REFERENCE OF THE ARRAY.
* JAVA ARRAY ALLOCATE STATIC MEMORY