1. What do you mean by an array?

~> Basically an array is the collection of data which contains similar data type, single variable holding multiple values.

1. How to create an array?

~> The below are the following ways to create an array of different data types:

1.int type

int a[3]={1,5,8};

2.Float type

float a[4]={3.0, 4.6, 2.5, 2.7};

3.character type

char a[3]={‘a’, ‘t’, ‘y’, ‘v’};

4.String type

string a[2]={“xyz”, “zyx”};

1. Can we change the size of the array at run time?

~> No, we can’t change the size of the array when it is constructed, whereas we can change the values present in the array.

1. Can you declare an array without assigning the size of an array?

~> Yes, we can declare an array without assigning the size of an array.

1. What is the default value of array?

~> The default value does changes for different data types

1.if the data type is int then it shows 0

2.if the data type is boolean then it shows (true/false)

1. What is a 1-D array?

~> A 1-D array is also know as general array and 1-D array is the collection of the data of similar data types that are stored in contagious arrangements.

1. Write a program on 2-D array?

~> public class array{

public static void main(String[] argos) {

int n[][]={

{1,2,3,4},

{5,6,7,8},

{2,4,6,8}

};

for(int a[] : n)

{

for(int b : a)

{

System.out.print(b);

}

System.out.println();

}

}

}