1. What do you mean by an array?

Ans: It refers to index collection of fixed number of homogeneous data elements.

1. How to create an Array?

Ans: To create an array we can use:

Declaration:

1. int[] a;
2. int a[];
3. int []a;

Initialization:

1. int a[] = {1, 2, 3, 4};
2. int a[] = new int[4];
3. Can we change the size of an array at run time?

Ans: No, we can’t change the size of an array at run time.

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

Ans: No, we can’t declare an array without assigning the size of an array.

1. What is the default value of Array?

Ans: The default value of an array is the same as the default value of the datatype of that array. For int it is 0, Boolean it is false, float it is 0.0, etc.

1. What is a 1D array with an example?

Ans: A one-dimensional array in Java is a collection of similar types of elements stored at contiguous memory locations, and having only one dimension to maintain.

1. Write a program on a 2D array?

Ans: class Demo {

public static void main (String []args){

int arr[][] = {{1, 2, 3}, {4, 5, 6}};

for (int ele[] : arr){

for (int num : ele){

System.out.print(num + “ “);

}

System.out.println();

}

}

}