1. What do you mean by array?
2. How to create an array?
3. Can we change the size of an array at the run time?
4. Can you declare an array without assigning size of an array?
5. What is the default value of array?
6. What is a 1D array with an example ?
7. Write a program on a 2D array?

1(Ans) . An array is a collection of similar elements. One variable => Capable of storing multiple values.

2(Ans) . Arrad declaration - Single Dimension Array
Declaration of array
Int[ ] a =
int a[ ]= k ;
int [ ]a;

3(Ans) . No

4(Ans) . Yes

5(Ans) . 0

6(Ans) . A One-Dimensional Array is **the simplest form of an Array in which the elements are stored linearly and can be accessed individually by specifying the index value of each element stored in the array**.
Example:-

```java
public class arraysBasic
{
    public static void main(String[] args)
    {
        int arr[] = new int[4];
        arr[0] = 7;
        arr[1] = 5;
        arr[2] = 3;
        arr[3] = 0;
        for (int i = 0; i < 4; i++)
        {
            System.out.println(arr[i]);
        }
    }
}
```

7(Ans).
```java
public class Enhanced_loop {
    public static void main(String[] args) {
        int arr[][] =
            {
                {3,5,8,2},
                {7,1,6,9},
                {9,2,6,1}
            };
        for (int a[]: arr)
        {
            for (int b:a)
            {
                System.out.print(b + " ");
            }
            System.out.println();
        }
    }
}
```