1.	**What do you mean by an Array?**
Ans.	An array is a collection of items of same(homogeneous) data-type stored at contiguous memory locations.
2.	**How to create an Array?**
Ans.	var-name = new type [size]; new→ is a key word which allocates the memory. Type → can be of data type.
3.	**Can we change the size of an array at run time?**
Ans.	Thus the size of the array is determined at the time of its creation or, initialization once it is done we cannot change the size of the array.
4.	**Can you declare an array without assigning the size of an array?**
Ans.	Yes, we can declare the array. But it cannot be used to store the data until new key word is used with the combination of the size needed.
5.	**What is the default value of Array?**
Ans.	The default value of array is zero.
6.	**What is a 1D array with an example?**
| **Ans.** | ```java
class OneDArray
{
        public static void main(String args[])
        {
        int[] a=new int[3];
        a[0]=10;
        a[1]=20;
        a[2]=30;
        System.out.println("One dimensional array elements are");
        System.out.println(a[0]);
        System.out.println(a[1]);
        System.out.println(a[2]);
        }
}
``` |

7.	**Write a program on a 2D array?**
| **Ans.** | ```java
class TowDArray {
    public static void main(String[] args) {

        int[][] a = {
            {1, -2, 3},
            {-4, -5, 6, 9},
            {7},
        };

        for (int i = 0; i < a.length; ++i) {
            for(int j = 0; j < a[i].length; ++j) {
                System.out.println(a[i][j]);
            }
        }
    }
}
``` |