

### Practical 3

#### CODE:

```
import java.util.*;

public class arrayDemo1d
{
    public static void main(String []args)
    { Scanner sc=new Scanner(System.in);
      int []abc=new int[5];
      int [][]arr=new int[3][3];
      int i,j;
      System.out.println("Enter the elements of the 1-D array");
      for(i=0;i<5;i++)
          {abc[i]=sc.nextInt();
           }
      System.out.println("The elements of the array are");
      for(i=0;i<5;i++)
          {
              System.out.print(abc[i]+" ");
          }

      System.out.println("Enter the elements of the 2-D array");
      for(i=0;i<3;i++)
          {

              for(j=0;j<3;j++)
              {
                  arr[i][j]=sc.nextInt();
              }
          }
      System.out.println("The elements of 2d array are");
      for(i=0;i<3;i++)
      {
          for(j=0;j<3;j++)
          {
              System.out.print(arr[i][j]+" ");
          }
          System.out.println("");
      }
  }
}
```

**OUTPUT:**

Enter the elements of the 1-D array

1

2

3

4

5

The elements of the array are

1 2 3 4 5    Enter the elements of the 2-D array

1

1

1

2

2

2

3

3

3

The elements of 2d array are

1 1 1

2 2 2

3 3 3