PROGRAM 2 :

```java
import java.util.Scanner;
public class ReverseArray
{
    public static void main(String[] args)
    {
        int j=0;

        int[] arr=new int[40];

        int[] rev=new int[40];

        Scanner sc=new Scanner(System.in);

        System.out.println("enter the nmbr of elements : ");
        int size=sc.nextInt();

        System.out.println("enter
```

```java
        elements :");
            for(int i=0;i<size;i++)
                arr[i]=sc.nextInt();

        for(int i=size-1;i>=0;i--)
        {
            rev[j]=arr[i];
            j++;
        }
    System.out.println("the reverse
array :");

        for(int i=0;i<size;i++)
        System.out.print(rev[i]+" ");
    }
}
```

OUTPUT :

enter the nmbr of elements :

5

enter elements :

1 2 3 4 5

the reverse array :

5 4 3 2 1