PROGRAM 1 :

```java
import java.util.Scanner;
public class ArrayInput
{
public static void main(String[] args)
{
int n;
Scanner sc=new Scanner(System.in);
System.out.print("Enter the number of elements : ");
n=sc.nextInt();
int[] array = new int[10];
System.out.println("Enter the elements of the array : ");
for(int i=0; i<n; i++)
{
array[i]=sc.nextInt();
}
System.out.println("Array elements are : ");
for (int i=0; i<n; i++)
```

```java
{
System.out.println(array[i]);
}
}
}
```

OUTPUT :

Enter the number of elements : 5

Enter the elements of the array :

1 2 3 4 5

Array elements are :

1

2

3

4

5