

Import java.util.scanner;

Import java.util.Arrays;

```
6 public class ClassA
7 {
8     Scanner sc=new Scanner(System.in);
9
10    public void bookTickets()
11    {
12        System.out.println("Welcome to e-Booking");
13        System.out.println("Which movie you want to see??");
14
15        String movie_name=sc.nextLine();
16        System.out.println("How many tickets you need for "+movie_name);
17        String names[]=new String[Integer.parseInt(sc.nextLine())];
18
19        System.out.println("Please enter "+names.length+" names for ticket booking");
20        for(int i=0;i<=names.length-1;i++)
21        {
22            names[i]=sc.nextLine();
23        }
24        System.out.println(names.length+" tickets were locked for "+
25        Arrays.toString(names));
26
27        System.out.println("Please select your seats");
28        System.out.println("Enter your seat row between A to Z");
29        String row=sc.nextLine();
30
31        System.out.println("Select your 1st Seat number between 1 to 30");
32        int seat_number=Integer.parseInt(sc.nextLine());
33        System.out.println(names.length+" seats were booked for "+
34        movie_name+" below are the details");
35        |
36        for(String data:names)
37        {
38            System.out.println(data+" "+row+"-"+seat_number++);
39        }
40        System.out.println("Thank you for using our services!!!!");
41    }
42    public static void main(String[] args)
43    {
44        new ClassA().bookTickets();
45    }
46 }
```

```
Welcome to e-Booking
Which movie you want to see??
Oculus
How many tickets you need for Oculus
2
Please enter 2 names for ticket booking
Kishan
Sujatha
2 tickets were locked for [Kishan, Sujatha]
Please select your seats
Enter your seat row between A to Z
C
Select your 1st Seat number between 1 to 30
14
2 seats were booked for Oculus below are the details
Kishan C-14
Sujatha C-15
Thank you for using our services!!!!
```

```
1 package com.pack1;
2
3 import java.util.Arrays;
4
5 public class ClassB
6 {
7     void meth1(boolean flag[])
8     {
9         System.out.println("meth1() called");
10        System.out.println("==>" + Arrays.toString(flag));
11    }
12    public static void main(String[] args)
13    {
14        ClassB bobj=new ClassB();
15
16        boolean input[] = {true, false,true};
17
18        bobj.meth1(input);
19    }
20 }
```

```
<terminated> ClassB [Java Application] C:\Program Fil
meth1() called
==>[true, false, true]
```

```

1 package com.pack1;
2
3 import java.util.Arrays;
4
5 public class ClassB
6 {
7     void meth1(boolean flag[])
8     {
9         System.out.println("meth1() called");
10        System.out.println("==>" + Arrays.toString(flag));
11    }
12    public static void main(String[] args)
13    {
14        ClassB bobj=new ClassB();
15
16        //boolean input[] = {true, false,true};
17        //bobj.meth1(input); // 1st way
18
19        bobj.meth1(new boolean[] {true, false,true}); // 2nd way
20    }
21 }

```

<terminated> ClassB [Java Application] C:\Program F  
meth1() called  
==>[true, false, true]

```

3 import java.util.Arrays;
4
5 public class ClassB
6 {
7     int[] meth1(boolean flag[])
8     {
9         System.out.println("meth1() called");
10        System.out.println("==>" + Arrays.toString(flag));
11
12        //int arr[] = {11,22,33};
13        //return arr; // 1st way
14
15        return new int[] {11,22,33};
16    }
17    public static void main(String[] args)
18    {
19        ClassB bobj=new ClassB();
20
21        //boolean input[] = {true, false,true};
22        //bobj.meth1(input); // 1st way
23
24        int result[]=bobj.meth1(new boolean[] {true, false,true}); // 2nd way
25
26        System.out.println("meth1() is returning : " + Arrays.toString(result));
27    }
28 }

```

```
meth1() called  
==>[true, false,  
meth1() is return
```

## Assignment

```
2  
3 public class ClassA  
4 {  
5     String[] meth1(int arr1[],char arr2[])  
6     {  
7         /* Task1 : Pass all the elements which are present in arr1  
8             in a reverse order in another array and print both the arrays  
9  
10            Task2 : Print all the elements which are present in arr2 by using  
11                for loop (in both directions) & by using for-each loop (One direction)  
12  
13            Task 3 : You need to implement this task3 in main()  
14                If the length of an array which is returned by meth1() is even  
15                the reterive the first half of the elements.  
16  
17                If the length of an array which is returned by meth1() is odd  
18                then reterive only the last two elements of the array  
19  
20                Note the length of the array which is returned by meth1()  
21                should be atleast 2.  
22            */  
23     }  
24 }
```