OUTPUTS

1.Given a row wise sorted matrix of size **R*C** where R and C are always **odd**, find the median of the matrix.

Test Case 1:

Input:

```
Enter no.of rows : 3
Enter no.of Columns : 3
Enter the elements of the matrix :
1
3
5
2
6
9
3
6
9
```

Output:

```
Median is :  5
```

Test Case 2:

Input:

```
Enter no.of rows : 3
Enter no.of Columns : 1
Enter the elements of the matrix :
1
2
3
```

Output:

```
Median is :  2
```

2. Given the arrival and departure times of all trains that reach a railway station, the task is to find the minimum number of platforms required for the railway station so that no train waits. We are given two arrays that represent the arrival and departure times of trains that stop.

Test Case 1:

Input:

```
Enter no.of elements : 6
Enter the arrival timings :
900
940
950
1100
1500
1800
Enter the departure timings :
910
1200
1120
1130
1900
2000
```

Output:

```
The minimum platforms needed is 3
```

Test Case 2:

Input:

```
Enter no.of elements : 2
Enter the arrival timings :
900
940
Enter the departure timings :
910
1200
```

Output:

```
The minimum platforms needed is 1
```