



practice1.java



Saved

```
1 import java.util.*;
2 public class Main {
3     public static void main(String[] args) {
4         Scanner sc = new Scanner(System.in);
5         System.out.println("A.Praveen\n51834643\n2nd");
6         int a=0,b=0;
7         System.out.print("Enter the size: ");
8         int size = sc.nextInt();
9         int[] arr = new int[size];
10        int[] odd = new int[size];
11        int[] even = new int[size];
12        System.out.println("Enter all the elements:");
13
14        for(int i = 0; i < size; i++) {
15            arr[i] = sc.nextInt();
16        }
17
18        for(int i = 0; i < size; i++) {
19            if(arr[i] % 2 != 0) {
20                odd[a] = arr[i];
21                a++;
22            }
23            else {
24                even[b] = arr[i];
25                b++;
26            }
27        }
28        System.out.print("odd: ");
29        for(int i=0;i<size;i++) {
30            if(odd[i]!=0) {
31                System.out.print(odd[i]+" ");
32            }
33        }
34        System.out.println("");
35        System.out.print("even: ");
36        for(int i=0;i<size;i++) {
37            if(even[i]!=0) {
38                System.out.print(even[i]+" ");
39            }
40        }
41    }
42 }
```



A.Praveen

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2nd Question

Enter the size: 5

Enter all the elements:

1

2

3

4

5

odd: 1 3 5

even: 2 4

Process finished.

|



practice.java



Saved

```
1  import java.util.Scanner;
2
3  public class Pattern
4  {
5      public static void main(String[] args) {
6          System.out.println("A.Praveen\n51834643\r\n");
7          int i, j, k = 1;
8          for (i = 1; i <= 5; i++) {
9              for (j = 1; j < i + 1; j++) {
10                 System.out.print(k++);
11             }
12             System.out.println();
13         }
14     }
15 }
16 }
```



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4th Question
1
23
456
78910
1112131415

Process finished.