

```
import java.util.Scanner;
```

```
class Sum  
{
```

```
    public static void main(String args[])
```

```
    {
```

```
        int n;
```

```
        Scanner sc = new Scanner(System.in);
```

```
        System.out.println("Enter no. of element:");
```

```
        n = sc.nextInt();
```

```
        int[] arr = new int[n];
```

```
        System.out.println("Enter the element of array:");
```

```
        for(int i = 0; i < n; i++)
```

```
        {
```

```
            arr[i] = sc.nextInt();
```

```
        }
```

```
        int se = 0, so = 0;
```

```
        for(int i = 0; i < arr.length; i++)
```

```
        {
```

```
            if(i % 2 == 0)
```

```
                se += arr[i];
```

```
            else
```

```
                so += arr[i];
```

```
        }
```

```
        System.out.println("Sum of even positions  
                           : " + se);
```

```
        System.out.println("Sum of odd positions :  
                           + so);
```

```
    }
```

```
import java.util. Scanner;
```

```
class type
```

```
{
```

```
    public static void main( String args[] )
```

```
    {
```

```
        int n, i, pos = 0, neg = 0, zero = 0;
```

```
        int arr[] = new int [20];
```

```
        Scanner sc = new Scanner (System.in);
```

```
        System.out.println( " Enter the length of Array "
```

```
        n = sc.nextInt();
```

```
        System.out.println( " Enter Numbers : " );
```

```
        for ( i = 0; i < n; i++ )
```

```
        {
```

```
            arr[i] = sc.nextInt();
```

```
        }
```

```
        for ( i = 0; i < n; i++ )
```

```
        {
```

```
            if ( arr[i] > 0 )
```

```
            {
```

```
                pos++;
```

```
            }
```

```
            else if ( arr[i] == 0 )
```

```
            {
```

```
                zero++;
```

```
            }
```

```
else if (arr[i] < 0)
```

```
{
```

```
    neg ++;
```

```
}
```

```
}
```

```
System.out.println("Positive Numbers are:"  
                    + pos);
```

```
System.out.println("Negative Numbers are:"  
                    + neg);
```

```
System.out.println("Zero are : " + zero);
```

```
}
```

```
}
```

```
import java.util.Scanner;
```

```
class bill {
```

```
    public static void main(String[] args) {
```

```
        Scanner sc = new Scanner(System.in);
```

```
        System.out.println("Enter the no. of items");
```

```
        int n = sc.nextInt();
```

```
        double itotal, total = 0;
```

```
        double[] rate = new double[n];
```

```
        int[] qn = new int[n];
```

```
        for (int i = 0; i < n; i++) {
```

```
            System.out.println("Enter quantity
```

```
            of purchase & rate per item  
            for each item " + (i+1));
```

```
int q = sc.nextInt();  
double r = sc.nextDouble();  
  
qu[i] = q;  
rate[i] = r;
```

```
    }  
    for (int i = 0; i < n; i++) {  
        itotal = qu[i] * rate[i];  
        total += itotal;  
    }
```

```
    if (total >= 10000) {  
        System.out.println("1u Discount = 5%");  
        1u Total bill = " + total  
        + " 1u Discounted bill = "  
        + (total - total * 0.05);  
    }
```

```
    else if (total >= 7500) {  
        System.out.println("1u Discount = 3%");  
        1u Total bill = " + total + " 1u Discounted  
        bill = " + (total - total * 0.03);  
    }
```

```
    else {  
        System.out.println("1u No discount");  
        1u Total bill = " + total;  
    }
```

```
}
```

```
}
```

```
import java.util.Scanner;
```

```
class Practice
```

```
{
```

```
Scanner sc = new Scanner(System.in);
```

```
int i, n, j = 0, k = 0, sum = 0, avg = 0, max = 0, min = 0;
```

```
System.out.println("Enter number of elements");
```

```
n = sc.nextInt();
```

```
int A[] = new int[n];
```

```
int B[] = new int[n];
```

```
int C[] = new int[n];
```

```
max = C[0];
```

```
System.out.println("Enter all the elements:");
```

```
for(i=0; i<n; i++)
```

```
{
```

```
    A[i] = sc.nextInt();
```

```
}
```

```
for(i=0; i<n; i++)
```

```
{
```

```
    if (A[i] % 2 != 0)
```

```
    {
```

```
        B[j] = A[i];
```

```

        j++;
    }
    else
    {
        c[k] = A[i];
        k++;
    }
}
System.out.println(" odd :");
if (j > 1)
{
    for (i = 0; i < (j-1); i++)
    {
        System.out.println(B[i]);
    }
    System.out.print(B[j-1]);
}
else
{
    System.out.println(" No number");
}
System.out.println(" Even.");
if (k > 1)
{
    for (i = 0; i < (k-1); i++)
    {
        System.out.println(c[i]);
    }
}
System.out.println(c[k-1]);
for (i = 0; i < c.length; i++)
{

```



```
sum += c[i];  
avg = sum/k;
```

```
}
```

```
for (i = 0; i < k; i++) {
```

```
min = c[0];
```

```
if (c[i] > max) {
```

```
max = c[i];
```

```
}
```

```
if (c[i] < min) {
```

```
min = c[i];
```

```
}
```

```
}
```

```
System.out.println("SUM = " + sum);
```

```
System.out.println("AVERAGE = " + avg);
```

```
System.out.println("MAXIMUM IS = " + max);
```

```
System.out.println("MINIMUM IS = " + min);
```

```
}
```

```
}
```