

B3.

```
import java.util.*;

public class SumIndices {
    public static void main (String args[]) {
        Scanner in = new Scanner (System.in);
        int a[];
        int sum=0, total=0;
        System.out.println ("Enter n:");
        int n=in.nextInt();
        a=new int[n];
        for (int i=0; i<n; i++) {
            System.out.println ("Enter a["+i+"]");
            a[i]=in.nextInt();
        }
        for (int k=0; k<n; k=k+2) {
            sum=sum+a[k];
        }
        System.out.println ("sum of elements of even indices = "+sum);
        for (int j=1; j<n; j=j+2) {
            total=total+a[j];
        }
        System.out.println ("sum of elements of odd indices = "+total);
    }
}
```



```

import java.util.*;

public class posNegZeros {

    public static void main(String args[]) {
        Scanner in = new Scanner(System.in);

        int a[];
        int pos = 0; zeros = 0, neg = 0;
        System.out.println("Enter n:");
        int n = in.nextInt();
        a = new int[n];
        for (int i = 0; i < n; i++) {
            System.out.println("Enter a[" + i + "]:");
            a[i] = in.nextInt();
        }
        for (int k = 0; k < n; k++) {
            if (a[k] == 0)
                zeros++;
            else if (a[k] > 0)
                pos++;
            else
                neg++;
        }
        System.out.println("No of zeros = " + zeros);
        System.out.println("No of positive number = " + pos);
        System.out.println("No of negative numbers = " + neg);
    }
}

```


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```

import java.util.*;

public class EvenOperations {
    public static void main (String args[]) {
        Scanner in = new Scanner(System.in);
        int a[], b[], c[];
        int odd = 0, even = 0;
        int os = 0, es = 0, sum = 0, avg, max = 0, min = 0;
        System.out.println("Enter n: ");
        int n = in.nextInt();
        a = new int[n];
        for (int i = 0; i < n; i++) {
            System.out.println("Enter a[" + i + "]: ");
            a[i] = in.nextInt();
        }
        for (int j = 0; j < n; j++) {
            if (a[j] % 2 == 0)
                even++;
            else
                odd++;
        }
        b = new int[odd];
        c = new int[even];
        for (int k = 0; k < n; k++) {
            if (a[k] % 2 == 0) {
                c[es++] = a[k];
            }
            else {
                b[os++] = a[k];
            }
        }
    }
}

```

Teacher's Signature : _____


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max = c[0];
min = c[0];
for (int i = 0; i < even; i++) {
    sum += c[i];
    if (c[i] > max) {
        max = c[i];
    }
    if (c[i] < min) {
        min = c[i];
    }
}
avg = (sum / even);
System.out.println("sum of even numbers is " + sum);
System.out.println("average of even numbers is " + avg);
System.out.println("maximum of even numbers is " + max);
System.out.println("minimum of even numbers is " + min);
}
}

```