

1)

```
package arrays;

import java.util.Scanner;

public class Sumof10 {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        Scanner scan = new Scanner(System.in);
        int[] num = new int[10];
        int sum = 0;
        System.out.println("Enter the array input :");
        for(int i=0;i<num.length;i++)
        {
            num[i] = scan.nextInt();
            sum=sum+num[i];
        }
        System.out.println("The sum of the ten numbers :"+sum);
    }

}
```

### Output:

Enter the array input :

10  
20  
30  
40  
50  
60  
70  
80  
90  
100

The sum of the ten numbers :550

2)

```
package arrays;
import java.util.*;
public class indexof {
    public static void main(String[] args) {
        // TODO Auto-generated method stub
        Scanner scan = new Scanner(System.in);
        System.out.print("Enter the index number to removed :");
        int index = scan.nextInt();
        int[] num = {10,20,30,40,50,60,70};
        int[] arr= new int[num.length-1];
    }
}
```

```

        for(int i=0;i<num.length-1;i++)
        {
            if(i<index)
            {
                arr[i] = num[i];
            }
            else if(i>=index)
            {
                arr[i] = num[i+1];
            }
        }

        System.out.println(num);
        System.out.println(Arrays.toString(arr));
    }
}

```

### **Output:**

Enter the index number to removed :3  
 [l@214c265e  
 [10, 20, 30, 50, 60, 70]

3)

**package** arrays;

**import** java.util.\*;

**public class** evenodd {

```

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        Scanner scan = new Scanner(System.in);
        System.out.print("Enter the elements of array :");
        int[] arr = new int[10];
        int even=0,odd=0;
        for(int i=0; i<arr.length;i++)
        {
            arr[i]=scan.nextInt();
            if(arr[i]%2==0)
            {
                even++;
            }
            else
                odd++;
        }
        System.out.println("The array element are :"+Arrays.toString(arr));
        System.out.println("The count of Even numbers :"+even);
    }
}

```

```

        System.out.println("The count of the odd numbers :"+odd);
    }
}

```

### **Output:**

Enter the elements of array :10

12  
34  
87  
98  
389  
8  
2  
397  
87

The array element are :[10, 12, 34, 87, 98, 389, 8, 2, 397, 87]

The count of Even numbers :6

The count of the odd numbers :4

4)

```
package minimummaximum;
```

```
public class Main {
```

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

```
        // TODO Auto-generated method stub
```

```
        int[] num= {1,2,3,4,5,6,7,-1};
```

```
        int max=1;
```

```
        int min=1;
```

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

```
        {
```

```
            if(num[i]>max)
```

```
            {
```

```
                max=num[i];
```

```
            }
```

```
            if(num[i]<min)
```

```
            {
```

```
                min=num[i];
```

```
            }
```

```

    }

    System.out.println("maximum number is: "+max);

    System.out.println("minimum number is: "+min);

}

}

```

**output:**

maximum number is: 7

minimum number is: -1

5)

```

package addarray;

public class SumOfArray {

    public static void main(String[] args) {

        // TODO Auto-generated method stub

        int[] num= {1,2,3,4,5};

        int[] num1= {6,7,8,9,10};

        int i,j;

        for(i=0,j=i;i<num.length;i++,j++)

        {

            System.out.println(num[i]+num1[j]);

        }

    }

}

```

**output:**

7

9

11

13

15

6)

```
package printcharector;

public class main1 {

    public static void main(String[] args) {

        // TODO Auto-generated method stub

        char[] array=new char[26];

        int i=0;

        char j='a';

        for(i=0;i<array.length;i++,j++)

        {

            System.out.print((array[i]=j)+" ");

        }

    }

}
```

**output:**

a b c d e f g h i j k l m n o p q r s t u v w x y z

7)

```
package reverseinteger;

public class main1 {

    public static void main(String[] args) {

        // TODO Auto-generated method stub

        int[] num= {1,2,3,4,5};

        int j=(num.length-1);

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

        {

            System.out.println(num[j-i]);

        }

    }

}
```

```
    }  
}
```

**output:**

5  
4  
3  
2  
1

8)

```
package average;  
  
public class Average {  
    public static void main(String[] args) {  
        // TODO Auto-generated method stub  
  
        int[] num= {1,2,3,4,5};  
  
        int sum=0;  
  
        for(int i=0;i<num.length;i++)  
        {  
            sum=sum+num[i];  
        }  
  
        int avg=(sum/num.length);  
  
        System.out.println("average: "+avg);  
    }  
  
}
```

**output:**

average: 3

9)

```
package sortinganarray;

public class Sort {

    public static void main(String[] args) {

        // TODO Auto-generated method stub

        int[] num=new int[]{44,88,22,77,99};

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

        {

            for(int j=i;j<num.length;j++)

            {

                if(num[i]>num[j])

                {

                    int temp=num[i];

                    num[i]=num[j];

                    num[j]=temp;

                }

            }

        }

        for(int a : num)

        {

            System.out.println(a);

        }

    }

}
```

**output:**

22

44

77

88

99