1.write code for Get student subject mark and print the total of mark:

Code:

```java
mport java.util.Scanner;
public class mark
{
    public static void main(String args[])
    {
        Scanner sc=new Scanner(System.in);
        System.out.print("Enter the number of subject:");
        int n=sc.nextInt();
        int sub[]=new int[n];
        System.out.print("Enter the subject mark: ");
        for(int i=0;i<n;i++)
        {
            sub[i]=sc.nextInt();
        }
        for(int i=0;i<n;i++){
            System.out.println("Subject"+i +" Mark:"+sub[i]);
        }
        int t=0;
        for(int i=0;i<n;i++){
            t=t+sub[i];
        }
        System.out.println("The total subject Mark:"+t);
    }
}
```

Output:

Enter the number of subject:5

Enter the subject mark: 98

96

97

95

88

Subject0 Mark:98

Subject1 Mark:96

Subject2 Mark:97

Subject3 Mark:95

Subject4 Mark:88

The total subject Mark:474

2.find largest num of the array:

```java
import java.util.Scanner;
public class largest
{
    public static void main(String args[])
    {
        Scanner sc=new Scanner(System.in);
        System.out.print("Enter the num of array:");
        int n=sc.nextInt();
        int lar[]=new int[n];
        System.out.print("Enter the num: ");
        for(int i=0;i<n;i++)
        {
            lar[i]=sc.nextInt();
        }
        int max=lar[0];
        for(int i=0;i<n;i++){
            if (max<lar[i])
             max=lar[i];
        }

        System.out.println("Largest num of given array:"+max);

    }
}
```

Output:

Enter the num of array:4

Enter the num: 95

78

69

64

Largest num of given array:95

3.print sorted array:

```java
import java.util.Scanner;
public class sort
{
```

```java
    public static void main(String agrs[])
    {
        Scanner sc=new Scanner(System.in);
        int n=sc.nextInt();
        int sort[]=new int[n];
        for(int i=0;i<n;i++)
        {
            sort[i]=sc.nextInt();
        }
        for(int i=0;i<n-1;i++)
        {
            for(int j=0;j<n-1-i;j++){

            if(sort[j]>sort[j+1]){
             int s=sort[j];
             sort[j]=sort[j+1];
             sort[j+1]=s;
            }
        }
    }
        for(int m:sort)
        System.out.println("After sorted:"+m);

    }
}
```

Output:

4

45

67

89

98

After sorted:45

After sorted:67

After sorted:89

After sorted:98

4.matrix multiplication:

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

```java
        int[][] A = {
            {1, 2},
            {3, 4}
        };

        int[][] B = {
            {5, 6},
            {7, 8}
        };

        int[][] result = new int[2][2];
        for (int i = 0; i < 2; i++) {
            for (int j = 0; j < 2; j++) {
                result[i][j] = 0;
                for (int k = 0; k < 2; k++) {
                    result[i][j] += A[i][k] * B[k][j];
                }
            }
        }
        System.out.println("Result Matrix:");
        for (int i = 0; i < 2; i++) {
            for (int j = 0; j < 2; j++) {
                System.out.print(result[i][j] + " ");
            }
            System.out.println();
        }
    }
}
```

Output:

Result Matrix:

19 22

43 50