```java
import java.util.Scanner;

public class AddtionOfArray {

public static void main(String[] args) {
char reply;
int sum = 0;

int a[];
a = new int[5];
System.out.println("Enter Five Number ");
Scanner sc = new Scanner(System.in);
for (int i = 0; i < 5; i++) {
a[i] = sc.nextInt();

}
System.out.println("Element stored Successfuly. Do You want to Print additon of element
Y/N");

reply = sc.next().toLowerCase().charAt(0);

if (reply == 'y')
 {
for (int i = 0; i < 5; i++)
 {
       if (i == 4)
        {
       sum = sum + a[i];
       System.out.print(a[i] + " = " + sum);
       break;
       }
       System.out.print(a[i] + " + ");
       sum = sum + a[i];

 }

}
else {
System.out.println("Thank You");
System.exit(0);

}

}

}
```

```java
import java.util.Scanner;

public class AllEvenNumber {

public static void main(String[] args) {
int n, i;
int total = 0;

System.out.println("Enter a number");
Scanner sc = new Scanner(System.in);
n = sc.nextInt();

for (i = 1; i <= 100; i++) {
if (i % 2 == 0) {

System.out.print(i + " ");
total = total + 1;

}
}
System.out.println("");

System.out.println("Total Even Number are " + total);
}

}
```

```java
import java.util.Scanner;

public class ArrayDuplicate {

public static void main(String[] args) {
int n;
System.out.println("Enter size of array : ");
Scanner sc = new Scanner(System.in);
n = sc.nextInt();
int a[] = new int[n];

System.out.println("Enter  " + n + " array element ");
for (int i = 0; i < n; i++)

{
a[i] = sc.nextInt();

}

for (int i = 0; i < n; i++) {
for (int j = i + 1; j < n; j++) {
if (a[i] == a[j]) {
System.out.print("Duplicate Elements are  Found ==>  " + a[i] + " ");

}
}
}
System.out.println();

}

}
```

```java
import java.util.Scanner;

public class ArrayDuplicate2 {

public static void main(String[] args) {
int n;
System.out.println("Enter size of array : ");
Scanner sc = new Scanner(System.in);
n= sc.nextInt();
int a[]=new int[n];

System.out.println("Enter  "+ n+" array element ");
for(int i=0;i<n;i++)

{
a[i]=sc.nextInt();

}

for(int i=0;i<n;i++)
{
for(int j=i+1;j<n;j++)
{
if(a[i]==a[j])
{
System.out.print("Duplicate Elements are  Found ==>  " +a[i ] +" ");


}
}
}
System.out.println();
}}
```

```java
import java.util.Scanner;

public class ArrayTest {

	public static void main(String[] args) {
		int[] a = new int[5];

		char reply='y';
	System.out.println("Enter 5 number for array");
	Scanner sc = new Scanner(System.in);
	for(int i=0;i<5;i++)
	{
		a[i]=sc.nextInt();

	}
		System.out.println("Element stored successfuly. Do You want to Print Y/N");
		reply=sc.next().charAt(0);

		if(reply=='y')
		{
			System.out.println("array elements are : ");

			for(int i=0;i<5;i++)
			{
				System.out.print(a[i]+" ");
			}
		}
		else
		{
			System.out.println("Thank You");

			System.exit(0);



		}


	}

}
```

```java
import java.util.Scanner;

public class CaseConvert {

	public static void main(String[] args) {
		String s=" ";


		System.out.println("Enter String : ");
		Scanner sc= new Scanner(System.in);

		s= sc.nextLine();
		StringBuffer str = new StringBuffer(s);

		sc.close();

		for(int i=0;i<=s.length()-1 ;i++)
		{
			if( Character.isLowerCase(s.charAt(i)))
			{
			str.setCharAt(i, Character.toUpperCase(s.charAt(i)));
			}
			else
			{
				str.setCharAt(i, Character.toLowerCase(s.charAt(i)));
			}


		}
		System.out.println(str);
	}

}
```

```java
import java.util.Scanner;

public class CharCountNoSpace {

	public static void main(String[] args) {
		//this program count string char but not space
		String s="";
		int c=0;

		System.out.println("Enter String ");
		Scanner sc = new Scanner(System.in);
		s= sc.nextLine();
		sc.close();

		int n=s.length();
		for(int i=0;i<=n-1;i++)
		{
			if(s.charAt(i) != ' ')
			{
				c++;

			}
		}
		System.out.println("The String count with space is = "+s.length());
		System.out.println("The String count without  space is = "+c);
	}

}
```

```java
import java.util.Scanner;

public class CommonFromTwoArray {

	public static void main(String[] args) {

		int n1, n2;

		System.out.println("Enter size of 1st Arrary");

		Scanner sc = new Scanner(System.in);
		n1 = sc.nextInt();
		int a[] = new int[n1];

		System.out.println("Enter Elements  of 1st Arrary");
		for (int i = 0; i < n1; i++) {
			a[i] = sc.nextInt();

		}

		System.out.println("Enter size of 2st Arrary");

		n2 = sc.nextInt();
		int b[] = new int[n2];

		for (int i = 0; i < n2; i++) {
			b[i] = sc.nextInt();

		}
		System.out.println("Common Elements of Arrary");

		for (int i = 0; i < n1; i++)
		 {
			for (int j = 0; j < n2; j++)
			 {
				if (a[i] == b[j])
				{
					System.out.print(a[i] + " ");
				}
			}
		}

	}

}
```

```java
import java.util.Scanner;

public class DeleteArrayByItemName {

	public static void main(String[] args)
	{
		int loc=0;
		int item;
		char ch;
		Scanner sc = new Scanner(System.in);

		int a[]={10,20,30,4,50,60};
		for(int i=0;i<a.length;i++)
		{
			System.out.print(a[i]+"  ");
		}
		System.out.println();
		System.out.println("Enter item to be Delete form above array :");
		item=sc.nextInt();


		for(int i=0;i<a.length;i++)
		{
			if(a[i]==item)
			{
				loc=i;
				break;
			}
		}

		System.out.println("Item Found at location "+ loc);

		for(int i=loc;i<a.length-1;i++)
		{
			a[i]=a[i+1];

		}
	System.out.println("Item delete successfuly Do You want to Print array ");

		ch=sc.next().charAt(0);
		if(ch=='y' || ch== 'Y')

		{
			for(int i=0;i<a.length-1;i++)
			{
				System.out.print(a[i]+"  ");
			}
		}
		else
		{   System.exit(0);   }
	}
	}
```

```java
import java.util.Scanner;

public class DeletingFromArray {

	public static void main(String[] args) {
		int n,loc;
		System.out.println("Enter size of array");
		Scanner sc = new Scanner(System.in);
		n=sc.nextInt();
		int a[] = new int[n];
		System.out.println("Enter Element of array");
		for(int i=0;i<n;i++)
		{
			a[i] = sc.nextInt();

		}

		System.out.println("Enter location element to delete");

		loc=sc.nextInt();

		for(int i=loc;i<n-1;i++)
		{

		a[i]=a[i+1];
		}


		System.out.println("Enter Element of array");
		for(int i=0;i<n-1;i++)
		{
			 System.out.print(a[i]+ "  ");

		}
		// 10 20 30 40 50
		//  0  1  2  3  4


	}

}
```

```java
import java.util.Scanner;

public class FiboExample {

	public static void main(String[] args) {
		int a=0,b=1,i,c,n;

		System.out.println("Enter Number :");
		Scanner sc = new Scanner(System.in);
		n=Integer.parseInt(sc.next());  // we need to parse in case of next()
		// n=sc.nextInt();   //direct interger

		sc.close();
		System.out.print(a+ " "+b +" ");

		for(i=2;i<n;i++)
		{
			c=a+b; // 0 1 1 2 3
			System.out.print(c +" ");
			a=b;
			b=c;
		}

	}

}
```

```java
import java.util.Scanner;

public class FindElementInArray {

	public static void main(String[] args) {
		int a[] = new int[5];
		int f;
		boolean status = false;

		System.out.println("Enter Array Element");
		Scanner sc = new Scanner(System.in);
		for (int i = 0; i < 5; i++) {
			a[i] = sc.nextInt();

		}

		System.out.println("Elements are inserted.  ");
		System.out.println("Enter Element to Find");

		f = sc.nextInt();

		for (int j = 0; j < 5; j++)
		{

			if (a[j] == f)
			{
				System.out.println("Element Found at Postion " + j);
				status = true;

				break;

			}
		}

		if (status == false) {
		System.out.println("Element Not Found .. Please enter Valid element");

		}

		sc.close();
	}

}
```

```java
import java.util.Scanner;

public class FindSmallFromArray {

	public static void main(String[] args) {
		int small,n;


		System.out.println("Enter array item size");
		Scanner sc = new Scanner(System.in);
		n=sc.nextInt();
		int a[] = new int[n];
		System.out.println("Enter array item :  ");

		System.out.println();
		for(int i=0;i<n;i++)
			{
				a[i]=sc.nextInt();

			}

		small=a[0];



		for(int i=0;i<n;i++)
		{
			for(int j=i+1;j<n;j++)
			{
				if(a[i]>a[j])
				{
					small=a[j];

				}

			}
		}
		System.out.println();
		System.out.println("The Smallest Number in array is "+ small);

	}

}
```

```java
import java.util.Scanner;

public class InsertArray {

	public static void main(String[] args) {
		int size, loc, item, i;
		System.out.println("Enter Size of Array : ");
		Scanner sc = new Scanner(System.in);
		size = sc.nextInt();
		int a[] = new int[size + 1];
		System.out.println("Enter Elements in Array : ");

		for (i = 0; i < size; i++) {
			a[i] = sc.nextInt();

		}
		System.out.println("Enter location to insert element : ");
		loc = sc.nextInt();
		System.out.println("Enter Element to insert   : ");
		item = sc.nextInt();

		for (i = size; i > loc; i--) {
			a[i] = a[i - 1];

		}

		a[loc] = item;
		size++;

		System.out.println("Element Inserted Successfuly");

		for (i = 0; i < a.length; i++) {
			System.out.println(a[i] + " ");
		}

	}

}
```

```java
import java.util.Scanner;

public class InsertArrayNew {


	public static void main(String[] args) {
		int size, loc, item, i;
		System.out.println("Enter Size of Array");
		Scanner sc = new Scanner(System.in);
		size=sc.nextInt();
		int a[] = new int[size+1];
		System.out.println("Enter Element in to Array");
		for(i=0;i<size;i++)
		{
			a[i]=sc.nextInt();

		}

		System.out.println("Elements Inserted in to array ..");
		System.out.println("Enter location to insert item");
		loc=sc.nextInt();
		System.out.println("Enter item to insert ");
		item=sc.nextInt();

		for(i=size;i>loc;i--)
		{
			a[i]=a[i-1];

		}

		a[loc]=item;

		System.out.println(" New ..Elements Inserted in to array ..");
		for(i=0;i<size+1;i++)
		{
			System.out.print(a[i]+" ");
		}
	}

}
```

```java
import java.util.Scanner;

public class KthLargestArray {

	public static void main(String[] args) {
		int n, k, temp;
		System.out.println("Enter Size of Array");
		Scanner sc = new Scanner(System.in);
		n = sc.nextInt();
		int a[] = new int[n];

		System.out.println("Enter Array Element");
		for (int i = 0; i < n; i++) {
			a[i] = sc.nextInt();

		}
		System.out.println("Enter Position for Largest Element");
		k = sc.nextInt();
		for (int i = 0; i < n; i++)
		{
			for (int j = i + 1; j < n; j++)
			{
				if (a[i] < a[j]) {
					temp = a[i];
					a[i] = a[j];
					a[j] = temp;

				}
			}

			if (i == k - 1) {
				System.out.println(k + "th  Laragest Element is = " + a[i]);
				break;

			}

		}

	}

}
```

```java
import java.util.Scanner;

public class LeapYear {

	public static void main(String[] args) {
		int n;
		System.out.println("Enter a Number ");
		Scanner sc = new Scanner(System.in);
		n=sc.nextInt();
		if(n%4==0 || n%400==0)
		{
			if(n%100 !=0)
			{

				System.out.println(" leap Year");
			}
			else
			{
				System.out.println(" not Leap  Year");
			}
		}
		else
		{
			System.out.println(" not Leap Year");
		}


	}

}
```

```java
import java.util.Scanner;

public class MatrixAdditon {

	public static void main(String[] args) {

		int r, c;
		System.out.println("Enter size of 2D array row and column");
		Scanner sc = new Scanner(System.in);
		r = sc.nextInt();
		c = sc.nextInt();
		int a[][] = new int[r][c];
		int b[][] = new int[r][c];
		int d[][] = new int[r][c]; // Can't define c[][] array because we
                                                        // declared c var for column

	System.out.println("Enter array elements of 1st Arrray (" + r * c + ") elements");

		for (int i = 0; i < r; i++) {
			for (int j = 0; j < c; j++) {
				a[i][j] = sc.nextInt();

			}
		}

	System.out.println("Enter array elements of 2nd Arrray (" + r * c + ") elements");

		for (int i = 0; i < r; i++)
		{
			for (int j = 0; j < c; j++)
			 {
				b[i][j] = sc.nextInt();

			}
		}

		for (int i = 0; i < r; i++)
		{
			for (int j = 0; j < c; j++)
			 {
				d[i][j] = a[i][j] + b[i][j];

			}
		}
```

```
                System.out.println("Addtion of matrix is : ");

                for (int i = 0; i < r; i++)
                {
                        for (int j = 0; j < c; j++)
                         {
                                System.out.print(d[i][j] + "  ");

                        }
                        System.out.println();
                }
                sc.close();

        }

}
```

```
import java.util.Scanner;

public class OddEven {

        public static void main(String[] args) {
                int n;
                System.out.println("Enter a number");
                Scanner sc = new Scanner(System.in);
                 n=sc.nextInt();
                 if(n%2==0)
                 {
                        System.out.println("Given number is Even");
                 }
                 else
                 {
                        System.out.println("Number is Odd");
                 }


        }

}
```

```java
import java.util.Scanner;

public class PalindromNumber {

	public static void main(String[] args) {
		int n;
		int orgnumber;
		int r=0;


		System.out.println("Enter Number ");
		Scanner sc = new Scanner(System.in);
		n=sc.nextInt();
		orgnumber=n;

		sc.close();
		int rn=0;

		while(n>0)
		{
			r=n % 10;
			rn=(rn*10)+r;
			n=n/10;

		}
		System.out.println(rn);

		if(orgnumber==rn)
		{
			System.out.println("the number is palilndrome number");

		}
		else
			System.out.println("Not Palindrome number");
	}

}
```

```java
public class Pattern1 {

	public static void main(String[] args) {


		for(int i=0;i<8;i++)   // this for row
		{
			for (int j=0;j<i;j++)
			{
				System.out.print("*");
			}
			System.out.println();

		}
	}

}
```

```
*
**
***
****
*****
******
*******
```

```java
import java.util.Scanner;

public class Pattern2 {

	public static void main(String[] args) {
		System.out.println("Enter number to print * pattern");
		Scanner sc = new Scanner(System.in);
		int n = sc.nextInt();
		for(int i=1;i<=n;i++)
		{
			for (int j=1;j<=i;j++)
			{
				System.out.print("*");
			}
			System.out.println();

		}
	}
}
```

```
Enter number to print * pattern
5
*
**
***
****
*****
```

```java
import java.util.Scanner;

public class Pattern3 {

	public static void main(String[] args) {

		int i,j,n;
		System.out.println("Enter Number");

		Scanner sc = new Scanner(System.in);

		n= sc.nextInt();


		for(i=1;i<=n;i++)
		{
			for(j=n;j>=i;j--)
			{
				System.out.print("*");

			}
			System.out.println();
		}
```

```
	} }
```

```
Enter Number
8
********
*******
******
*****
****
***
**
*
```

```
public class Pattern4 {

	public static void main(String[] args)
	{
		for(int i=1;i<=6;i++)
		{
			for(int j=1;j<=i;j++)
			{
				System.out.print("* ");

			}
			System.out.println();
		}

		for(int i=1;i<=6;i++)
		{
			for (int j=5;j>=i;j--)
			{
				System.out.print("* ");

			}
			System.out.println();

		}	}}
```

```
*
* *
* * *
* * * *
* * * * *
* * * * * *
* * * * *
* * * *
* * *
* *
*
```

```java
import java.util.Scanner;

public class Pattern5 {

	public static void main(String[] args) {
		System.out.println("Enter Number ");
		Scanner sc = new Scanner(System.in);
		int n= sc.nextInt();


		for(int i=1; i<=n;i++)
		{
			for(int j=1; j<=i;j++)
			{
				System.out.print("* ");

			}
			System.out.println();
		}

		for (int i=1;i<=n;i++)
		{
			for(int j=n-1;j>=i;j--)
			{
				System.out.print("* ");
			}
			System.out.println();
		}

	}
}
```

```
Enter Number
8
*
* *
* * *
* * * *
* * * * *
* * * * * *
* * * * * * *
* * * * * * * *
* * * * * * *
* * * * * *
* * * * *
* * * *
* * *
* *
*
```

```java
public class Pattern6 {

	public static void main(String[] args)


	{

		for(int i=1;i<=8;i++)
		{

			for(int jspace=7; jspace>=i ;jspace--)
			{
				System.out.print("   ");
			}

			for(int kstar=1;kstar<=i;kstar++)
			{
				System.out.print(" * ");
			}

			System.out.println();
		}

	}

}
```

```
                   *
                *  *
             *  *  *
          *  *  *  *
       *  *  *  *  *
    *  *  *  *  *  *
 *  *  *  *  *  *  *
```

```java
import java.util.Scanner;

public class Pattern7 {

	public static void main(String[] args) {
		System.out.println("Enter Number");
		Scanner sc = new Scanner(System.in);
		int n = sc.nextInt();
		for(int i=1;i<=n;i++)
		{
			for(int jspace=n-1;jspace>=i;jspace--)
			{
				System.out.print("  ");
			}

			for(int kstar=1;kstar<i;kstar++)
			{
				System.out.print("* ");
			}
			System.out.println();
		}


	}

}
```

```
Enter Number
8

             *
           * *
         * * *
       * * * *
     * * * * *
   * * * * * *
 * * * * * * *
```

```java
public class Pattern9 {

	public static void main(String[] args) {
		for(int i= 1;i<10;i++)

		{
			for(int j=10;j>i;j--)
			{
				System.out.print(" ");
			}


			for(int j=1;j<i;j++)
			{
				System.out.print("*");
			}
			System.out.println();
		}

	}

}
```

```
         *
        **
       ***
      ****
     *****
    ******
   *******
  ********
```

```java
import java.util.Scanner;

public class PirmerNumber {
	public static void main(String[] args) {
		int n = 0, i, tempnumber = 1;

		System.out.println("Enter Number ");
		Scanner sc = new Scanner(System.in);

		n = sc.nextInt();
		for (i = 2; i < n - 1; i++)
		{
			tempnumber = n % i;
			if (tempnumber == 0)
			{
				System.out.println("Not Primer");
				break;
			}

		}
		if (tempnumber != 0)
		{
			System.out.println("The number is primer");
		}

		sc.close();

	}

}
```

```
Enter Number
6
Not Primer


Enter Number
7
The number is primer
```

```java
import java.util.Scanner;

public class PrimeALL {

	public static void main(String[] args) {
		int temp = 0;
		int i, j;
		int total = 0;

		System.out.println("Enter Number ");
		Scanner sc = new Scanner(System.in);
		int n = sc.nextInt();
		sc.close();
		for (i = 1; i <= n; i++)
		{
			temp = 0;

			for (j = 2; j <= i - 1; j++)
			 {
				if (i % j == 0) {

					temp = temp + 1
				}
			}
			if (temp == 0) {
				System.out.print(i + " ");
				total = total + 1;

			}

		}
		System.out.println();
		System.out.println("Total Prime Number between 1 to " + n + "  is " +
total);

		/*
		 * 2 3 5 7 11 13 17 19 23 29 31 37 41 43 47 53 59 61 67 71 73 79 83 89
		 * 97 101 103 107 109 113 127 131 137 139 149
		 */
	}

}
```

```
Enter Number
150
1 2 3 5 7 11 13 17 19 23 29 31 37 41 43 47 53 59 61 67 71 73 79 83 89 97 101 103 107 109
113 127 131 137 139 149
Total Prime Number between 1 to 150  is 36
```

```java
import java.util.Scanner;

public class PrimeNumber2 {

	public static void main(String[] args) {

		int i,j,n;
	int temp=0;

		int total=0;
		System.out.println("Enter Number ");
		Scanner sc = new Scanner(System.in);
		n=sc.nextInt();
		sc.close();
		for(i=1;i<=n;i++)
		{
		temp=0;

			for(j=2;j<=i-1;j++)
			{
				if(i%j==0)
				{
					temp++;

					break;
				}
			}

			if(temp==0)
			{
				System.out.print(i+" ");
				total=total+1;

			}
		}


		System.out.println("Total Prime Number are = "+total);
	}

}
```

```
Enter Number
25
1 2 3 5 7 11 13 17 19 23 Total Prime Number are = 10
```

```java
import java.util.Scanner;

public class PrimerNumber1 {

	public static void main(String[] args) {
		int n, i, counter = 0;
		System.out.println("Enter Number");

		Scanner sc = new Scanner(System.in);
		n = sc.nextInt();

		for (i = 2; i < n - 1; i++) {
			if (n % i == 0) {
				counter++;
				break;

			}
		}

		if (counter == 1) {
			System.out.println("not Prime beacuse divisible by = " + i);
		} else {
			System.out.println("Prime");

		}
	}

}
```

```
Enter Number
8
not Prime beacuse divisible by = 2
```

```java
import java.util.Scanner;

public class ReverseNumber {

	public static void main(String[] args) {

		System.out.println("Enter Number");
		Scanner sc = new Scanner(System.in);
		int n= sc.nextInt();
		sc.close();
		int rem;

		System.out.println("The reverse number ");
		while(n>0)
		{
			rem=n%10;

			System.out.print(rem);
			n=n/10;

		}

	}

}
```

```
Enter Number
952
The reverse number
259
```

```java
public class ReverseWord {

	public static void main(String[] args) {
		String s= "Atul Yadav";
		String sr[]  = s.split(" ");

	int n=sr.length;

	for(int i=n-1; i>=0;i-- )
	{
		System.out.print(sr[i]+ " ");
	}



	}

}
```

Output

```
Yadav Atul
```

```java
import java.util.Scanner;

public class RevStringNew {

	public static void main(String[] args) {
		String s="";
		String rs="";

		System.out.println("Enter string ");
		Scanner sc = new Scanner(System.in);

		s=sc.next();
		sc.close();
		int n= s.length();

		int i;
		for( i=n-1;i>=0;i--)
		{
			rs=rs+s.charAt(i);

		}
		System.out.println(rs);

		if(s.equals(rs))
		{
			System.out.println("palindrome");
		}
		else
		{
			System.out.println("Not palindrom");
		}

	}
}
```

```
Enter string
abc
cba
Not palindrom
```

```java
import java.util.Scanner;

public class Simple2DArray {

	public static void main(String[] args) {
		int r,c;
		System.out.println("Enter Size for array  row and column : ");
		Scanner sc = new Scanner(System.in);
		r=sc.nextInt();
		c=sc.nextInt();
		int a[][]=new int[r][c];

		System.out.println("Enter " +r*c+"  array element");
		for(int i=0;i<r;i++)
		{
			for(int j=0;j<c;j++)
			{
				a[i][j]=sc.nextInt();

			}
		}
		System.out.println("Elements stored successfully ");


		for(int i=0;i<r;i++)
		{
			for(int j=0;j<c;j++)
			{
				System.out.print(a[i][j] + "  ");

			}
			System.out.println();
		}
	}

}
```

```
Enter Size for array  row and column :
3
3
Enter 9  array element
10
20
30
40
50
60
70
80
90
Elements stored successfully
10  20  30
40  50  60
70  80  90
```

```java
import java.util.Scanner;

public class SortingArray {

	public static void main(String[] args) {
		int n,temp=0;
		System.out.println("Enter Array Size : ");
		Scanner sc = new Scanner(System.in);
		n=sc.nextInt();
		int a[] = new int[n];

		System.out.println("Enter Array element : ");
		for(int i= 0;i<n;i++)
		{
			a[i]=sc.nextInt();

		}


		for(int i=0;i<n;i++)
		{
			for(int j=i+1;j<n;j++)
			{
				if(a[i]>a[j])                // here > or < for asc or desc
				{
					temp=a[i];
					a[i]=a[j];
					a[j]=temp;

				}
			}

		}
		for(int i=0;i<n;i++)
		{
			System.out.print(a[i]+" ");

		}

	}

}
```

```
Enter Array Size :
4
Enter Array element :
90
52
1
95
1 52 90 95
```

```java
public class SwapNumber {

	public static void main(String[] args) {
		int a, b;

		a = 10;
		b = 20;

		System.out.println("Befor swap a =  " + a + " andb is = " + b);
		a = a + b;

		b = a - b;

		a = a - b;

		System.out.println("after  swap a =  " + a + " andb is = " + b);
	}

}
```

```
Befor swap a =  10 andb is = 20
after  swap a =  20 andb is = 10
```