

```

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 Successfully. 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);

}

}

}
}

```

```
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);
    }
}
```

```

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();
    }
}

```

```

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();
    }
}

```

```
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 successfully. 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);
        }

    }

}
```

```
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);
    }
}
```

```

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);
    }
}

```

```

import java.util.Scanner;

public class CommonFromTwoArray {

    public static void main(String[] args) {

        int n1, n2;

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

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

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

        System.out.println("Enter size of 2nd Array");

        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 Array");

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

    }
}

```



```

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 successfully 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);
        }
    }
}

```

```

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

    }

}

```

```
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 integer

        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;
        }

    }

}
```

```

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();
    }
}

```

```

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);

    }

}

```

```

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 Successfully");

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

```

```

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]+" ");
        }
    }
}

```

```

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 Largest Element is = " + a[i]);
                break;
            }
        }
    }
}

```



```
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");
        }
    }
}
```

```

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("Addition 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");
        }
    }
}

```

```

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");
    }
}

```

```
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();  
        }  
    }  
}
```

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

```

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
*
**
***
****
*****

```

```

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();
        }
    }
}
```

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

```

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

```

*
* *
* * *
* * * *
* * * * *
* * * * * *
* * * * * * *
* * * * * * *
* * * * * *
* * * * *
* * * *
* * *
* *
*

```



```

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();

        }

    }

}

```

```

          *
        * *
      * * *
    * * * *
  * * * * *
* * * * * *
* * * * * *

```

```

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

```

          *
        * *
      * * *
    * * * *
  * * * * *
* * * * * *
* * * * * *

```

```

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();
            }

    }

}

```

```

      *
     **
    ***
   ****
  *****
 *****
*****
*****

```

```

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

```

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

```

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

```
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

```
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
```



```
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

```

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

```

```

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

```

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

```

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