**1.FINDING THE AREA OF THE SQUARE**

# **PROGRAM:**

Import java.util.Scanner;

Public class AreaSquare{

Public static void main(string args[]){

Scanner Ob1=new Scanner(System.in);

System.out.println(“Enter length of square L:”);

intL=Ob1.nextInt();

int area=L\*L;

System.out.println(“Area of square is:”+area);

}

}

**PSEUDOCODE:**

Start

Read length

Area=L\*L

Print or display area

stop

**FLOWCHART:**

Start

Read L

Area=L\*L

9

Write

area

Stop

2.TO FIND SUM OF TWO NUMBERS

**PROGRAM:**

[\\Program](file:///\\Program) to find sum of two numbers

Import java.util.Scanner;

Public class Add{

Public static void main(String[]args){

Scanner Ob1=new Scanner(System.in);

System.out.println(“Enter value of a:”);

Int a=Ob1.nextInt();

System.out.println(“Enter value of b:”);

Int b=Ob1.nextInt();

Int c=a+b;

System.out.println(“Sum of given two numbers is:”+c);

}

**PSEUDOCODE:**

Start

Read a,b

C=a+b

Print or display c

Stop

**FLOWCHART:**

Start

Read a,b

C=a+b

Write c

Stop

3.FINDING AREA OF THE RECTANGLE

**PROGRAM:**

[\\program](file:///\\program) to find area of rectangle

Import java.util.Scanner;

Public class AreaRecatangle{

Public static void main(string[]args){

Scanner Ob1=new Scanner(System.in);

System.out.println(“Enter side length a:”);

Int a=Ob1.nextInt();

System.out.println(“Enter side length d:”);

Int b=Ob1.nextInt();

Int area=a\*b;

System.out.println(“Area of rectangle is:”+area);

}

}

**PSEUDOCODE:**

Start

Read side length,a

Read side length b

Area=a\*b

Print or display area

Stop

**FLOWCHART:**

Start

Read a

Read b

area=a\*b

Write

Area

Start

**4. GREATEST OF TWO NUMBERS:**

**PROGRAM:**

[\\Greatest](file:///\\Greatest) of two numbers

Import java.util.Scanner;

Public class XYZ{

Public static void main(string[]args){

Scanner Ob1=new Scanner(System.in);

System.out.println(“Enter value of A:”);

Int A=Ob1.nextInt();

System.out.println(“Enter value of B:”);

Int B=Ob1.nextInt():

If(A>B)

System.out.println(“A is larger:”);

Else

System.out.println(“B is larger”);

}

}

**PSEUDOCODE:**

Start

Read A,B

If A>B then

Print A is large

else

Print B is large

Stop

**FLOWCHART:**

Start

Read A,B

If A>B

Write

Bis large

Write

A is large

Stop

**5.interchange the value of two**

**variables:**

**program:**

[\\Interchange](file:///\\Interchange) two variables

Import java.util.Scanner;

Public class Interchange{

Public static void main(string[]args){

Scanner Ob1=new Scanner(System.in);

System.out.println(“Enter value of a:”);

Int a=Ob1.nextInt();

System.out.println(“Enter value of b:”);

Int b=Ob1.nextInt();

Int c=a;

a=b;

b=c;

System.out.println(“values after swapping:”);

System.out.println(+a);

System.out.println(+b);

}

}

**PSEUDOCODE:**

Start

Read two values into two variables a,b

Declare third variable,c

c=a

a=b

b=c

Print or display a,b

Stop

**FLOWCHART:**

Start

JJ

Read b

Read a

c=a

a=b

b=c

Write a,b

Stop

ssss