import java.util.Scanner;

class Rectangle\_Modify\_Program {

int length;

int width;

int area;

int parameter;

public int getLength() {

return length;

}

public void setLength(int length) {

this.length = length;

}

public int getWidth() {

return width;

}

public void setWidth(int width) {

this.width = width;

}

public Rectangle\_Modify\_Program()

{

length = 1;

width= 1;

}

void input() {

Scanner in = new Scanner(System.in);

System.out.print("Enter length of rectangle: ");

length = in.nextInt();

System.out.print("Enter width of rectangle: ");

width = in.nextInt();

}

void areaRectangle()

{

area = length \* width;

}

void perimeterRectangle()

{

parameter = 2\*(length + width);

}

void display() {

if(length>0 && length<20)

{

System.out.println("Area of Rectangle = " + area);

System.out.println("Parameter of Rectangle = " +parameter);}

}

public static void main(String args[]) {

Rectangle\_Modify\_Program obj1 = new Rectangle\_Modify\_Program();

obj1.input();

obj1.areaRectangle();

obj1.perimeterRectangle();

obj1.display();

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

Rectangle\_Modify\_Program obj2 = new Rectangle\_Modify\_Program();

obj2.input();

obj2.areaRectangle();

obj2.perimeterRectangle();

obj2.display();

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

Rectangle\_Modify\_Program obj3 = new Rectangle\_Modify\_Program();

obj3.input();

obj3.areaRectangle();

obj3.perimeterRectangle();

obj3.display();

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

Rectangle\_Modify\_Program obj4 = new Rectangle\_Modify\_Program();

obj4.input();

obj4.areaRectangle();

obj4.perimeterRectangle();

obj4.display();

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

Rectangle\_Modify\_Program obj5 = new Rectangle\_Modify\_Program();

obj5.input();

obj5.areaRectangle();

obj5.perimeterRectangle();

obj5.display();

}

}