**To Study Use Of Different Constructors**

import java.util.\*;

class Student {

Scanner sc=new Scanner(System.in);

String name;

int rollNo;

Student() {

System.out.println("Enter Name and Roll Number of a Student");

this.name=sc.nextLine();

this.rollNo=sc.nextInt();

System.out.println("Name of Student:"+name);

System.out.println("Roll Number is:"+rollNo);

}

}

class AreaRectangle {

int length,breadth;

AreaRectangle(int length,int breadth) {

this.length=length;

this.breadth=breadth;

int area=this.length\*this.breadth;

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

}

}

public class Constructor\_Demo {

public static void main(String []args) {

Scanner sc=new Scanner(System.in);

System.out.println("Enter Length and Breadth of Rectangle:");

int length=sc.nextInt();

int breadth=sc.nextInt();

AreaRectangle rectangle=new AreaRectangle(length,breadth);

Student student=new Student();

}

}