#### 程序清单2-1

**package** git\_demo;

**public** **class** ComputeArea{

**public** **static** **void** main(String[] args) {//定义主方法，main方法是程序开始执行的入口

**double** radius;

**double** area;

radius = 20;

area = radius \* radius \* 3.14159;

System.***out***.println("The area for the circle of radius " + radius + " is " + area);

}

}

#### 程序清单2-2

**package** git\_demo;

**import** java.util.Scanner;

**public** **class** ComputeAreaWithConsoleInput {

**public** **static** **void** main(String[] args) {

Scanner input=**new** Scanner(System.***in***);

System.***out***.print("Enter a number for radius:");

**double** radius=input.nextDouble();

**double** area = radius \* radius \* 3.14159;

System.***out***.println("The area for the circle of radius " + radius + " is " + area);

}

}

#### 程序清单2-3

**package** git\_demo;

**import** java.util.Scanner;

**public** **class** ComputeAverage {

**public** **static** **void** main(String[] args) {

Scanner input=**new** Scanner(System.***in***);

System.***out***.print("Enter three numbers: ");

**double** number1=input.nextDouble();

**double** number2=input.nextDouble();

**double** number3=input.nextDouble();

**double** average = (number1+number2+number3)/3;

System.***out***.println("The average of " + number1 + " " + number2 + " " + number3 + " " + " is " + average);

}

}