

Lesson 5 Coding Activities

Download the zipped .java starter files with the program templates, and use them in DrJava or an IDE of your choice, to get a head start on the activity.

Come to the forum with your questions and to share your test cases.

1. Input two double values and print the difference between them. (The difference can be found by subtracting the second value from the first).
2. Input four integer values and print the sum of all four values.
3. Input the radius of a circle and print the circumference and area. The answer should be a decimal value.

Remember the formula for circumference is $2 * \pi * r$ and the formula for area is $\pi * r * r$. You can use 3.14 for the value of pi in this activity.

Sample Run:

Enter a radius:

4

Circumference: 25.12

Area: 50.24

4. Ask the user to enter the price of an item and tell them how much money they would get back from \$20. It's okay to return a negative number. Also, Don't forget to include the dollar sign.

Sample Run:

Enter a price:

3.50

Change from \$20: \$16.5