

Worksheet#2

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There are several Java programming exercises with solution which can be found in <https://www.w3resource.com/java-exercises/index.php>. This is a good resource for self-study Java as well.

Instructions for class exercise

1. Create a Java project and create a package with the name, classEx1, and then construct a under this package then name it as FindHollowCylinderVolume.
2. This program computes the volume of a hollow cylinder from 3 inputs which are outer radius, inner radius, and height of the cylinder.

Sample Input/Output#1

Hollow Cylinder Calculator

Enter the outer radius: 2.5

Enter the inner radius: 1

Enter the height: 4

The volume of this hollow cylinder is 65.97

Note:

- Carefully consider the variables and datatype which you will use in the program.
- You are required to format the output to show only 2 digits after the decimal point.
- Use Math.PI instead of defining your own Pi value in the calculation.