

AP Computer Science Homework 3

Due date: Thursday, October 19, 2015

Instructor: Mr. Alwin Tareen

Part A: Calculating the volume of a sphere

- The following is the equation for calculating the volume of a sphere with radius r :

$$\text{Volume} = \frac{4}{3}\pi r^3$$

- Write a Java program that calculates the volume of a sphere with radius 5. *Hint:* Your answer should be 523.5983333. If you forget about integer division, you might get an incorrect answer of 392.7.

Part B: Submission

- Submit your java program by uploading it to the Web-CAT automated grading platform.