

Week 01 : Programming Assignment 3

Due on 2026-02-05, 23:59 IST

1 - Problem Statement:

Write a Java program to calculate the volume of a cylinder given its radius and height.

Formula:

$$V = \pi \times r^2 \times h$$

You can use Math.PI for the computation.

NOTE:

The code you see is **not complete**.

Your task is to complete the code as per the question.

Think of it like a programming puzzle.

(This question can be solved in just one line of code)

Your last recorded submission was on 2026-01-20, 00:08 IST

Select the Language for this assignment.

File name for this program :

```
1 import java.util.Scanner;
2
3 public class W01_P3 {
4     public static void main(String[] args) {
5         Scanner in = new Scanner(System.in);
6         double radius = in.nextDouble();
7         double height = in.nextDouble();
8 // Calculate the volume
9         double volume = Math.PI * radius * radius * height;
10    }
```