*Session 1: Assignment 4*

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This assignment will help you to consolidate the concepts learnt in the session.

1. Problem Statement

Write a Python program to find the volume of a sphere with diameter 12 cm.

Formula: V=4/3 \* π \* r 3

**NOTE: The solution shared through Github directory should contain the source**

**code used and screenshot of the output.**

1. Output

***If Diameter=12 cm; then Radius = 6 cm; PI value=3.14. I will input radius as 6cm***

**Source Code:**

**Input**  ***PI = 3.14***

***radius = float(input('Enter the Radius of a Sphere: '))***

***Volume = (4 / 3) \* PI \* radius \* radius \* radius***

***Print("\n The Volume of a Sphere = %.2f" %Volume)***

**Output** 678.24cms

**The screenshot of the output:**

