Problem Number: MME-PROB-02-02

Problem Title: Sphere Calculations

Code filename: sphere_calculations.cpp

Write a program that inputs the radius of two spheres. The unit of measurement for the input radius is yards.

The program must output the radius (in meters), surface area (in meters-squared), and volume (in meters-cubed) for both spheres. The format of the output should match the table format given in the Sample Output, especially the column headings and row headings.

Sample Input

```
Enter the radius of sphere 1 in yards: 7
Enter the radius of sphere 2 in yards: 9
```

Sample Output

```
                    *Sphere 1*        *Sphere 2*
radius [m] :            6.4008            8.2296
surface area [m^2] :   514.847           851.074
volume [m^3] :         1098.48           2334.67
```