

17.2 Trial 2

Write a program that calculates the following four expressions and outputs their solutions based on the user's inputs:

- Prompt the User for three values that you will call **number1**, **number2**, and **radius**. After obtaining the user's values perform the following expressions and output their results to screen:
 - Increase **number1** to the fourth and output
 - Take the square root of **number2** and output.
 - Round down the new value of **number2** (obtained in expression # 2) and output.
 - Output the volume of a sphere $((4.0/3.0) \times \pi \times \text{radius}^3)$ using the user's value of **radius** - utilize at least one constant variable (π is 3.14)
 - Output the value of a conditional expression in which the variable **x** becomes **number1** +10, if number1 is less than 20, if it is not let x be equal to **number1**. (Do not use an if-else statement .)

Example Output

```
256
3.4641
3
1077.02
14
```