

Assignment 3: Expressions

Questions

1. What are implicit and explicit type conversion? Also, give an example for each of them.

Answer

2. What are 2 types of floating-point error, and how to avoid them?

Answer

3. How can programming be adapted in science and business?

Answer

Task 1: Rounding Numbers

Given $x = 5/9$, round the variable x to 2 decimal digits.

Answer

How would the rounded x affect the further computation?

Answer

Task 2: Unit Conversion

Convert 12,345 seconds into hours, minutes, and seconds, and print it in the hh:mm:ss format.

Answer