**Problem Statement**: Write a C++ program that takes three numbers as inputs: one int, one float, and one double. The program should compute the average of these three numbers. Implement typecasting to ensure the correct result. Use both **implicit** and **explicit typecasting** to explore how they work and how they affect the results.

**Typecasting Concepts**: You learn the difference between **implicit** and **explicit typecasting**. Implicit typecasting is done automatically by the compiler when combining different data types, while explicit typecasting is manually performed by the programmer to ensure accuracy and prevent data loss.

