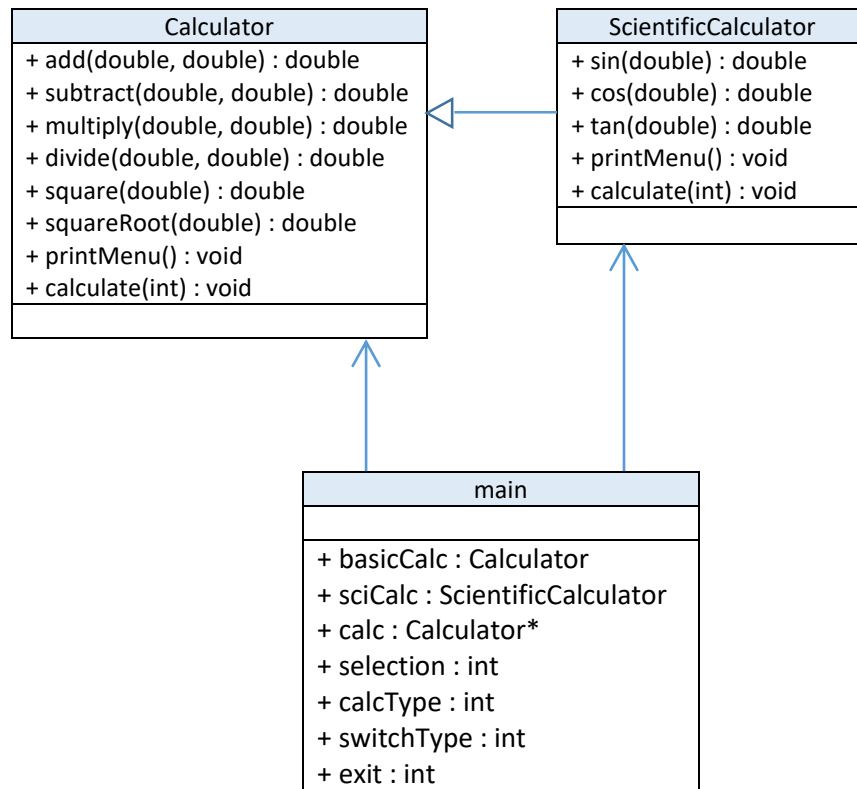


Comp 410 – Term Project
Calculator



Main function drives the program. ScientificCalculator is a subclass of Calculator.

The user chooses to start the basic or scientific calculator. Input is validated

If basic is selected, the user may choose a math operation (add, subtract, multiply, divide, square, square root), switch to scientific mode, or exit. If scientific is selected, the user may choose a math operation (sine, cosine, tangent), switch to basic mode, or exit. Input is validated.

If a math operation is selected, the user enters the required numeric value(s) and the answer is printed.

Then the user may choose another action (math operation, switch mode, exit).