

Write a Calculator program with the following functionality:

- The user chooses the operation - add, subtract, multiply, divide
 - = check whether the choice is valid
 - = every operation should be a separate function
- The user enters the numbers for the operation
 - = check for valid inputs - only numbers allowed
- The user is presented with the result from the operation or an error message
 - = division by zero error handling
 - = try different formatting for the floating point numbers (1,2,3,4 numbers after the decimal)
- The user can choose whether to proceed with a new calculation or exit the program

Example:

Select operation.

1.Add

2.Subtract

3.Multiply

4.Divide

Enter choice: (1/2/3/4): 3

Enter first number: 15

Enter second number: 14

15.0 * 14.0 = 210.0

Would you like to do a new calculation? (yes/no): no