Create a project called `lab10` (if using Visual Studio). Download the file `lab10.cpp` from the assignment page on Blackboard as your starting point.

This project is based on the Mass conversion class from Lab 3. Your group will modify the supplied source code to use exception handling for checking of inputs, as follows:

- Create an exception class called `input_exception` (derived from the standard `exception` class) that stores an error message in a private `string` variable, implements the appropriate constructors, and overrides the `what()` virtual member function to return the error message.
- Modify the `checkInput` function to throw an `input_exception` with the supplied error message if the input value is not within the specified bounds.
- Modify the driver program to use `try`/`catch` blocks wherever the `checkInput` function is called. Your `catch` blocks should display the error message using the `input_exception` instance's `what()` member function, and allow the respective input loop to continue until a valid value is given.

When finished, one member of your group should turn in your `lab10.cpp` file on Blackboard.