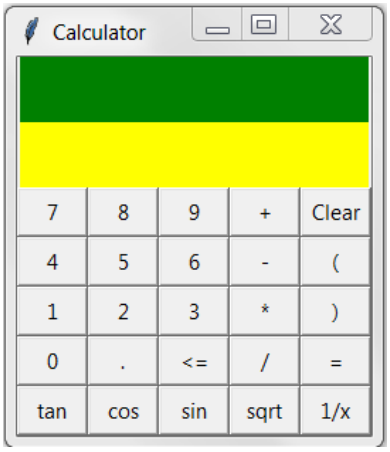
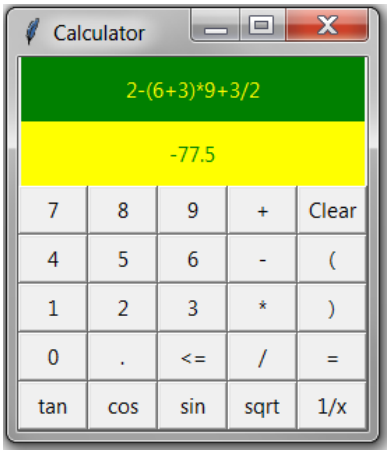
CSC1002 Assignment 4

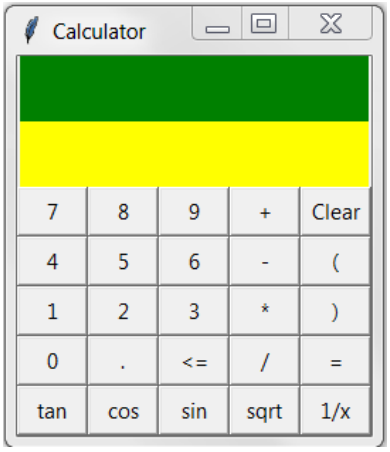
1. When your programme runs, the following window will be shown. The green label line shows the input equation, and the yellow label line shows the result. You can change the color as you like.
   How to change the color? Check the Lab Lecture 8, and try option='green' for one label.



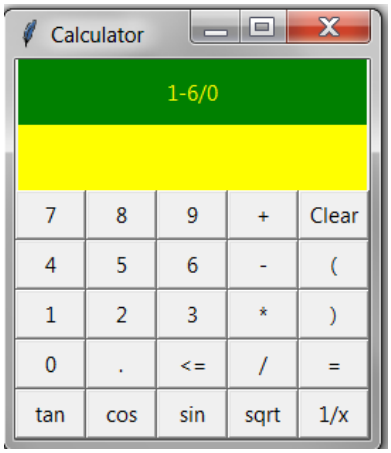
2. Input the following equation by clicking the buttons '2', '-', '(', '6', '+', '3', ')', '*', '9', '+', '3', '/', '2' , '=', sequentially, and output the result as below.



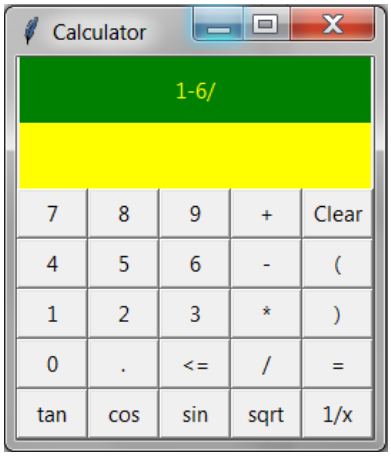
3. Click the button 'Clear', and the equation and the result will be all cleared.



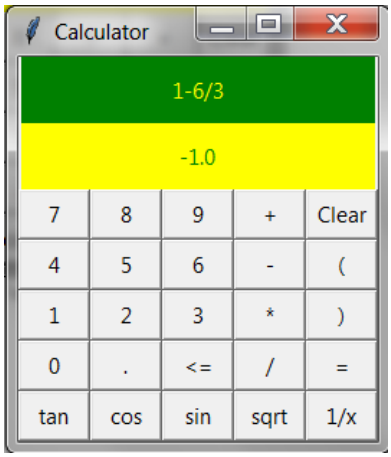
4. Input the equation as shown in calculator below. DO NOT click '='



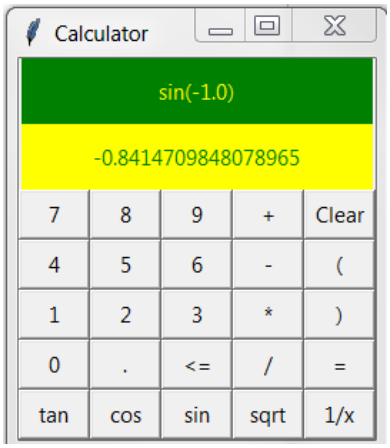
5. Click '<=', and the calculator should show this:



6. Click '3' and '=', and show this:

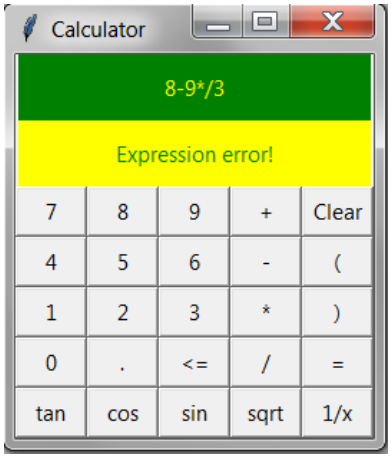


7. Click 'sin', '=', and show this:



8. Test the other 4 functions, i.e. tan, cos, sqrt and 1/x similarly.

9. If there is any expression error, show this:



Due: 17:30, April 8, 2016

Documents to submit:

- Python code. Remember to include the comments to for others/yourselves to understand your coding.
- A Microsoft word file, including all test results, and what functionalities you would like to add to calculator (Be creative. You do not need to realize it.).

Submission method:

Zip the documents above, name it by your student ID, and submit through Moodle.

Mark and late submission policy:

The overall score of this lab assignment accounts for 10 points in your final course mark. For each day of late submission, 1 point will be deducted. If you submit more than three days after the due time, 10 points will be all deducted.