

## Cpt S 260 Homework #8

Please print your name!

Using memory mapped I/O to implement a simple calculator. User input is of four characters:  $C_1$ ,  $op$ ,  $C_2$ , and  $=$ . Your program outputs the result. Using the following two examples to test your code:  $5+7=12$  and  $5-7=-2$ . Notice that we only consider the case when the  $op$  is either  $+$  or  $-$ , nothing else. Your implementation has two versions:

1. Use polling (turn in on Monday to your TA [ccui@eecs.wsu.edu](mailto:ccui@eecs.wsu.edu))
2. Use interrupt (turn in on Friday to your TA [yhou@eecs.wsu.edu](mailto:yhou@eecs.wsu.edu) )

Please do not send your hws to a wrong email address.