# CS101 Fall 2005
# Midterm 2 Grading Guidelines

Question 3: 4 points, each answer worth 1 point

Question 4: 3 points, there should be 3 numbers output, each worth a point.

Question 5: 3 points, one for each value (j,k, flag)

Question 6: 5 points
       a. 3 values, 1 point each
       b. 3 values, 1 point each

       If they miss >= 5 points, count 5 points off total.

Question 7: 5 points
       a. 1 point for yes/no, 2 points for output/reason
       -2 if they say the bug was the 0, and then fix that problem
       b. 2 points
       -3 if they say remove { }
       -2 if output after bug fix is wrong
       -1 if they missed the 0 for the output (if anything is wrong with output)

Question 8: 5 points
       a. 1 point for yes/no, 2 points for output/reason
       if they fix a problem, usually the computation, and it makes sense, give them 1 point.
       -2 if they miss the error but write the correct output (-1 for the first part, -1 for the
second part)
       -1 if they give wrong output
       b. 2 points
       -2 if they say remove "final"
       -2 if they say i++ instead of ++i

Question 9: 12 points, 2 points per section all or nothing
Possible answers:

| A | B | C | D | Output |
|---|---|---|---|--------|
| T | T | T | T | Schmoo |
| T | T | T | F | Big Gulp |
| T | T | F | T | Spoon |
| T | T | F | F | Spoon |
| T | F | T | T | Schmoo |

| A | B | C | D | Output |
|---|---|---|---|---|
| T | F | T | F | Big Gulp |
| T | F | F | T | Wahoo |
| T | F | F | F | Wahoo |
| F | T | T | T | Spoon |
| F | T | T | F | Big Gulp |
| F | T | F | T | Spoon |
| F | T | F | F | Spoon |
| F | F | T | T | Wahoo |
| F | F | T | F | Big Gulp |
| F | F | F | T | Wahoo |
| F | F | F | F | Wahoo |

This was mostly no partial credit.  But -1 if the student wrote T/F for one of the variables where it can't be both.

Question 10 & 11: 3 points
-1 for each wrong answer or if all are wrong, -3

Question 12: 7 points
-1 break
-1 reinit x
-1 case 'char' or case x || y
-1 no print
Don't take points off for using too many cases (i.e. Every possible case)
-0 extra zero case
-1 missing 3rd and/or 23rd case
-6 if started switch with "like" or "one case:"
-3 or 4 for cases "implied" i.e. Case 4: ... Case 20:
-1 point per syntax error
-2 for incorrect state (Q/R) mistkae (e.g. Q3 instead of Q5)

Question 13: 6 points
-4 if they have only one pair
-5 if one pair and wrong pairs
-3 if a few are correct and a few wrong
-2 if all are correct and one or two wrong

Question 14: 20 points
-5 points max for each output state reached incorrectly or not reached
if initial state error causes other errors, only count off for once
-1 for each syntax error
-2 for not declaring object

-2 for using Yes/No as global
-2 for repeated errors (ifs, asking questions, etc)
-1 per curly brace, block placement, max of -2

Question 15: 20 points
This question was graded on a relateively simple scale: 0, 5, 10, 15, or 20 points.
0 points if nothing was written down at all
5 points if they wrote the basic class/method structure down.
10 points if they seemed to understand that you needed nested loops, but didn't get much further than that.
15 points if the code they wrote had the right idea, but didn't work for some reason (this includes modifing a loop counter in the loop which resulted in an infinite loop)
20 points if the code they wrote is pretty much all correct
If they handled the cases where a leading '0' should be included (i.e. 1:07:05 instead of 1:7:5), then they got 5 more points (to a max of 20) than they would otherwise.