

## CS100J Spring 2001: Project 3 Grading Guide

### Notes

- Please carefully review all notes written on your grading form and project.
- Find the codes for these notes below.
- Try to understand why you received the note so that you may avoid it on your next project.
- \* means the item is worth twice

### Scores

- Bonus may be applied for exemplary work or doing additional tasks
- Let  $c$  and  $s$  be the number of correctness and style: see table, below
- For each program not included, remove one correctness and style point

category	Points					
	0	1	2	3	4	5
correctness	nothing turned in	$c \geq 16$	$10 \leq c \leq 15$	$6 \leq c \leq 9$	$5 \leq c \leq 3$	$0 \leq c \leq 2$
style	nothing turned in	$s \geq 16$	$10 \leq s \leq 15$	$6 \leq s \leq 9$	$5 \leq s \leq 3$	$0 \leq s \leq 2$

### 1. General

- (s1a) (not counted this time) grading form provided for each partner, as coversheet
- (s1b) (not counted this time) grading form properly filled out and signed
- (s1c) title sheet and table of contents provided (OK if unified)
- (s1d) pages numbered and properly bound
- (s1e) all work typed
- (s1f) lines of text/code not chopped off or misaligned

### 2. Program

- (c2a) alternates between player 1 & 2 to get their moves
- (c2b) asks again if input location is out of 9 possible positions
- (c2c) asks again if there is already a mark at the input location
- (c2d) correctly updates the board according to players' inputs
- (c2e) prints the current board after each turn
- (c2f) \* correctly checks if either player won the game
- (c2g) ends the game when either player wins
- (c2h) \* ends the game after 9 moves
- (c2i) \* enables user to repeat playing game
- (c2j) variables properly initialized for the next game
- (c2k) nested control structures are correct
- (c2l) **break** for each case of **switch** (if any switch is used)
- (c2m) **equals ( )** used for string comparison (not **==**)
- (c2n) (output) session where neither player wins
- (c2o) (output) session where either player wins
- (c2p) (output) shows the user(s) can repeat playing games
- (c2q) (output) shows how illegal inputs are handled
- (s2a) no arrays used
- (s2b) no string methods used except **equals ( )**
- (s2c) no non-static methods or outside methods/classes used
- (s2d) \* methods used to subdivide "larger" tasks and/or perform redundant tasks
- (s2e) \* methods defined in reasonable way (not too many methods, methods handle general tasks)
- (s2f) meaningful, readable variable/method names used (preferably verbs)
- (s2g) \* excessive redundancy or needless complication avoided
- (s2h) code properly indented
- (s2i) title block included at top of the program code
- (s2j) \* **comments provided above of each method**
- (s2k) comments for major variables and lines of code
- (s2l) clear, readable, and consistent commenting style

### 3. Miscellaneous

- (c3a) miscellaneous
- (c3b) miscellaneous