

# ECOO Round 2 QUESTIONS

April 26, 2014

## Problem 3: EasySweeper

### FIRST TRY

Suggested Marking Scheme

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Input file name: DATA31.txt

Award 20 marks for each exactly correct board.

Deduct 10 points one time for a missing blank line between boards.

Award 10 bonus marks if all 5 boards are exactly correct.

.MMM..	...MMMMMM.	.....M.
.M.M..	.M.M.M..	MM.....M..M..
.M.MMM	MMM.MMM..M	M.M.....M.....
MMMM..	.M.....M	.MM...M...MM
MM.MMM	.M.MMM..	M.....M...M
MM..M.	M..MMM...	.M.....M.....
	M...MMMMM	.....MM.....
MM.MMMMM	MMMM.MM.MM	.....M..M.M..
M..MMM..	MM.....M.M	M.M.....M...M
M.M...MM	MM...M.M.M	.M.....MM...M.
MMM.MMMM		M.M..MMM.M....
M.MMMM.M	.....MM.M.	....M.....MM.M
.MMMM..	M.M...M..M.	...M.....
MM.MMMMM	MMMMM...MM.	MM..M..MM.M...
MM..MMM.	MMMM...M..M.	
	.MM.MM.M.M..	
	.MMM.MM....	
	.M...M.....	
	.M..M..M...M	
	MMM.M.M.MM.M	
	...M...M...M	
	.MM...MM.M.	
	M...M.MM.MM.	

\*\*\* Please allow students to scroll their output, and allow them to cut and paste into a text editor with a fixed-width font if necessary.

# ECOO Round 2 QUESTIONS

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## Problem 3: EasySweeper

### SECOND TRY

Suggested Marking Scheme

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Input file name: DATA32.txt

Award 20 marks for each exactly correct board.

Deduct 10 points one time for a missing blank line between boards.

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.MMMMM      MM.....M.MM      .....M.....
MMMMMM      .M...M.MMM.      .....
MM...M      .M.M.M.MMM..      M...MM.....M.M
MMMMMM      M...MM.MMM.      MM.....M...MM
MMM...      .....M.      .M.MMM.....M
           M.MM.....M.      .M.M...M.....
MMMMMMM.    .M.....M      M...M.....MM
M.M.....    .M.M.M.....M      M.....MM..
MMMMMMMM    M...M.M...M      ..M.....
MMM.MMM      M.....      .MM...M..MM.
MM...M.M      M.M.M.M...MM      .M.MMMM..M.M.
M.....M      M.....      .....M...M
...M.M      M.....M.      M.....M.

M...M.MMM.
MMM.M.M...
...MM.M.M
M...M...M.
.MMM.MM...
...MM.M.M
...MM.M.M
MM.MM....
MMMMM....
```