

ECOO Round 2 QUESTIONS

April 26, 2014

Problem 3: EasySweeper

FIRST TRY

Suggested Marking Scheme

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. . . . .
MMMM. . . . .M. . . . .M . . . . .MM. . . . .MM
MM.MMM . . . . .M.MMM. . . . .M. . . . .M. . . . .M
MM. . . . .M. . . . .MMM. . . . .M. . . . .M. . . . .
M. . . . .MMMMM . . . . .MMMM.MM.MM . . . . .M. . . . .M.M. . .
MM. . . . .MMM. . . . .MM. . . . .M.M . . . . .M.M. . . . .M
M.M. . . . .MM . . . . .MM. . . . .M.M. . . . .M.M. . . . .M
MMM.MMMM . . . . .MM. . . . .M.M. . . . .MM. . . . .M.M. . . . .M
M.MMMM.M . . . . .MM.M. . . . .M.M. . . . .M.M. . . . .M.M. . .
. . . . .MMMM. . . . .M.M. . . . .M. . . . .M. . . . .M. . . . .M
MM.MMMMM . . . . .MMMMM. . . . .MM. . . . .M.M. . . . .M.M. . .
MM. . . . .MMM. . . . .MMMM. . . . .M. . . . .M. . . . .M.M.M.M. . .
. . . . .MMM.MM. . . . .M.M.M.M. . . . .M.M.M.M. . . . .M.M.M.M. . .
. . . . .MMM.MM. . . . .M.M.M.M. . . . .M.M.M.M. . . . .M.M.M.M. . .
. . . . .M. . . . .M
.M. . . . .M
MMM.M.M.M.M.M . . . . .M. . . . .M. . . . .M. . . . .M. . . . .M
. . . . .M. . . . .M
.MM. . . . .MM.M. . . . .M. . . . .M. . . . .M. . . . .M.M.M.M. . .
M. . . . .M.M.M.M. . . . .M. . . . .M.M.M.M. . . . .M.M.M.M. . .
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*** 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

April 26, 2014

Problem 3: EasySweeper

SECOND TRY

Suggested Marking Scheme

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.

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

MMMMMM.
M.M...
MMMMMMMM
MMM.MMM
MM..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....

MM.....M.MM
.M...M.MMM.
.M.M.M.MM..
M...MM.MMM.
.....M.
M.MM.....M.
.M.....M
.M.M..M.....
M...M.....MM
M.....MM..
.M.....
.MM...M..MM.
.M.MMMM..M.M.
.....M...M
M.....M.
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