

ECOO Round 2 QUESTIONS

April 27, 2013

Problem 3: Last Robot Standing

FIRST TRY

Suggested Marking Scheme

Input file name: **DATA31.txt**

Award 10 marks for each correct line. Note that the ordered pairs on each line do not have to be in the same order as shown, but if even one of them is missing, or if there are any extras, the line scores no points.

If punctuation or formatting is not exactly as shown (including a single space between each ordered pair) deduct 10 points one time only.

Award 10 bonus marks if all 10 lines are correct with no formatting errors.

```
(6,4)
(1,1) (2,3) (4,5)
(3,1) (4,2)
(3,3) (4,4) (6,1) (6,5) (9,3)
(1,7) (2,8) (2,9)
(1,9) (3,3) (3,4) (5,1) (5,5) (5,9)
LOSE
(3,1)
(1,3) (5,2) (5,4) (5,6) (6,1) (6,2) (6,3)
LOSE
```

ECOO Round 2 QUESTIONS

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Problem 3: Last Robot Standing

SECOND TRY

Suggested Marking Scheme

Input file name: **DATA32.txt**

Award 10 marks for each correct line. Note that the ordered pairs on each line do not have to be in the same order as shown, but if even one of them is missing, or if there are any extras, the line scores no points.

If punctuation or formatting is not exactly as shown (including a single space between each ordered pair) deduct 10 points one time only.

```
(4,3) (5,6) (5,7) (6,3) (6,5) (6,6) (6,7) (7,3)
(2,6)
(3,4) (5,3) (5,4) (6,2) (6,3) (6,4) (7,2) (7,7)
(2,4) (2,5) (3,4)
(2,3) (2,4) (3,4) (4,4)
(1,1) (1,3) (2,2) (2,3) (3,1) (3,2)
(1,1) (1,2)
(7,1) (8,2) (8,3)
(2,7) (4,7) (5,6)
(3,4) (3,5)
```