

# ECOO Round 1 QUESTIONS

March 25 – April 1, 2015

## Problem 3: Ten Pin Trig

### FIRST TRY

Suggested Marking Scheme

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Input file name: DATA31.txt

Award 10 marks for each exactly correct test case.

Award 0 marks for any test case with even one number incorrect

Award 10 bonus marks if all lines are exactly correct.

```
2 3 4 5 6
1 10 9 5 6
1 2 3 4 5
6 5 4 10 9
1 4 5 6 7
7 4 1 9 8
8 6 4 2 10
9 3 5 7 1
3 8 5 10 6
2 3 4 5 6
```

# ECOO Round 1 QUESTIONS

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## Problem 3: Ten Pin Trig

### SECOND TRY

Suggested Marking Scheme

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Input file name: DATA32.txt

Award 10 marks for each exactly correct test case.

Award 0 marks for any test case with even one number incorrect

```
7 4 1 9 8
8 6 4 2 10
6 7 8 9 10
3 8 5 10 6
2 3 4 5 6
2 3 4 5 6
1 10 9 5 6
4 2 4 8 6
6 5 4 10 9
1 4 5 6 7
```