

```

1  //////////////////////////////////////////
2  //////////////////////////////////  Part 1:  //////////////////////////////////
3  //////////////////////////////////////////
4
5  thomas% mpicxx -o tworings TwoRings.cpp
6  thomas% mpirun -q -np 24 tworings
7  Baton at: 0
8  Baton sent to: 2
9  Baton at: 2
10 Baton sent to: 4
11 Baton at: 1
12 Baton sent to: 23
13 Baton at: 4
14 Baton sent to: 6
15 Baton at: 6
16 Baton sent to: 8
17 Baton at: 8
18 Baton sent to: 10
19 Baton at: 10
20 Baton sent to: 12
21 Baton at: 23
22 Baton sent to: 21
23 Baton at: 12
24 Baton sent to: 14
25 Baton at: 21
26 Baton sent to: 19
27 Baton at: 14
28 Baton sent to: 16
29 Baton at: 16
30 Baton sent to: 18
31 Baton at: 18
32 Baton sent to: 20
33 Baton at: 19
34 Baton sent to: 17
35 Baton at: 20
36 Baton sent to: 22
37 Baton at: 17
38 Baton sent to: 15
39 Baton at: 22
40 Baton sent to: 0
41 Baton back at: 0
42 Sent list: 0 2 4 6 8 10 12 14 16 18 20 22
43 Baton at: 13
44 Baton sent to: 11
45 Baton at: 15
46 Baton sent to: 13
47 Baton at: 11
48 Baton sent to: 9
49 Baton at: 7
50 Baton sent to: 5
51 Baton at: 9
52 Baton sent to: 7
53 Baton at: 5
54 Baton sent to: 3
55 Baton at: 3
56 Baton sent to: 1
57 Baton back at: 1
58 Sent list: 1 23 21 19 17 15 13 11 9 7 5 3
59
60 //////////////////////////////////  //////////////////////////////////
61 //////////////////////////////////  Part 2:  //////////////////////////////////
62 //////////////////////////////////////////
63 thomas% mpirun -q -np 24 whackanorc
64 Max: 49
65 Min: 0
66 Average: 24.4841
67
68 //////////////////////////////////////////
69 //////////////////////////////////  Part 3:  //////////////////////////////////

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```
70  ////////////////////////////////////////////
71  thomas% mpicxx -o inyoureya InYourEYE.cpp
72  thomas% mpirun -q -np 24 inyoureya
73  a: 3817
74  b: 3744
75  c: 3864
76  d: 3813
77  e: 3913
78  f: 3839
79  g: 3894
80  h: 3952
81  i: 3851
82  j: 3837
83  k: 3832
84  l: 3785
85  m: 3804
86  n: 3897
87  o: 3822
88  p: 3777
89  q: 3898
90  r: 3883
91  s: 3919
92  t: 3811
93  u: 3843
94  v: 3926
95  w: 3976
96  x: 3704
97  y: 3822
98  z: 3777
99  Total Letters: 100000
100
```