USER: Henry Odza [hwodza1]
TASK: wormhole
LANG: JAVA

Compiling...
Compile: OK

Executing...
   Test 1: TEST OK [0.098 secs, 23372 KB]
   Test 2: TEST OK [0.100 secs, 23348 KB]
   Test 3: TEST OK [0.112 secs, 23360 KB]
   Test 4: TEST OK [0.110 secs, 23548 KB]
   Test 5: TEST OK [0.215 secs, 23600 KB]
   Test 6: TEST OK [0.105 secs, 23596 KB]
   Test 7: TEST OK [0.133 secs, 24736 KB]
   Test 8: TEST OK [0.117 secs, 24340 KB]
   Test 9: TEST OK [0.131 secs, 24560 KB]
   Test 10: TEST OK [0.156 secs, 24308 KB]

All tests OK.

Your program ('wormhole') produced all correct answers! This is your
submission #10 for this problem. **Congratulations!**

Here are the test data inputs:

------- test 1 [length 18 bytes] ----
4
0 0
1 0
1 1
0 1
------- test 2 [length 23 bytes] ----
4
21 7
11 23
11 7
5 10
------- test 3 [length 37 bytes] ----
6
1 15
20 15
17 11
22 21
25 11
20 17
------- test 4 [length 117 bytes] ----
6
879221060 76350727
161945371 76350727
380619073 76350727
896289713 76350727
852891025 852349940
519959866 76350727
------- test 5 [length 159 bytes] ----