

1 of 2 4/19/17, 01:19 AM

```
1 #lang racket
   ; Enter your code here. Read input from STDIN. Print output to STDOUT
   (define (polygon-perimeter-iter points n sum)
 4
     (cond ((= n (length points)) sum)
          (else (polygon-perimeter-iter
 5
 6
                  points
                  (+ n 1)
 9
                   (+ sum (sqrt
10
                           11
12
13
                           (sqr (- (cdr (list-ref points (remainder (+ n 1) (length points))))
14
                                   (cdr (list-ref points n)))))))))))
15
16
   (define (polygon-perimeter points) (polygon-perimeter-iter points 0 0))
17
   (define (read-points n)
19
     (cond ((= n 0) '())
           (else (cons (cons (read) (read)) (read-points (- n 1))))))
20
21
   (displayln (polygon-perimeter (read-points (read))))
                                                                                                                 Line: 1 Col: 1
<u>♣ Upload Code as File</u> Test against custom input
                                                                                                        Run Code
                                                                                                                   Submit Code
```

Copyright © 2017 HackerRank. All Rights Reserved

Join us on IRC at #hackerrank on freenode for hugs or bugs.

Contest Calendar | Interview Prep | Blog | Scoring | Environment | FAQ | About Us | Support | Careers | Terms Of Service | Privacy Policy | Request a Feature

2 of 2 4/19/17, 01:19 AM