Sum of Odd Elements

by idlecool

Problem Submissions Leaderboard Discussions

You are given a list. Return the sum of odd elements from the given list. The input and output portions will be handled automatically. You need to write a function with the recommended method signature.

Constraints

The list will have $1 - 100$ elements.
Each element will be an integer X where $-100 <= X <= 100$.

Sample Input

```
3
2
4
6
5
7
8
0
1
```

Sample Output

```
16
```

Explanation

Sum of odd elements is $3 + 5 + 7 + 1 = 16$

Method Signature

```
Number Of Parameters: 1
Parameters: [list]
Returns: Number
```

For Hackers Using Clojure

This will be the outline of your function body (fill in the blank portion marked by underscores):

```
(fn[lst]_____)
```

For Hackers Using Scala

This will be the outline of your function body (fill in the blank portion marked by underscores):

```
def f(arr:List[Int]):Int = _____
```

For Hackers Using Haskell

This will be the outline of your function body (fill in the blank portion marked by underscores):

```
f arr = _____
```

For Hackers Using other Languages

You have to read input from standard input and write output to standard output. Please follow the input/output format mentioned above.

NOTE: You only need to submit the code above after filling in the blanks appropriately. The input and output section will be handled by us. The focus is on writing the correct function.

Submissions: 9628
Max Score: 10
Difficulty: Easy

Rate This Challenge:
☆ ☆ ☆ ☆ ☆

More

If you cannot find your favorite language here, please check out the algorithm domain. We support over 40 popular languages.

Current Buffer (saved locally, editable) Racket

```
1  #lang racket
2  ; Enter your code here. Read input from STDIN. Print output to STDOUT
3  (define (f list)
4    (foldr + 0 (filter (lambda (x) (= (abs (remainder x 2)) 1)) list)))
5
6  (define (main list)
7    (let ((x (read)))
8      (if (eof-object? x) (displayln (f list)) (main (cons x list)))))
9
10 (main '())
```

Line: 1 Col: 1

Upload Code as File Test against custom input Run Code Submit Code