[CS 11] Prac 2d – Odds

oj.dcs.upd.edu.ph/problem/cs11prac2d

Cheatsheet is available here: https://oj.dcs.upd.edu.ph/cs11cheatsheet/

Problem Statement

Given xx and yy, return the *set* of all odd integers between xx and yy, *inclusive*.

Task Details

Implement a function called `odds_in_range`:

Copy

```
def odds_in_range(x, y):
```

- `x`—`int`
- `y`—`int`

Return a `frozenset` of `int`s.

Restrictions

(See 2a for more restrictions)

For this problem:

- Up to 11 function definition is allowed.
- Recursion is **disallowed**. (The recursion limit has been greatly reduced.)
- Comprehensions are allowed.
- `range` is allowed.
- The source code limit is 500500.

Example Calls

Example 1 Function Call

Copy

```
odds_in_range(3, 7)
```

Example 1 Return Value

Copy

```
frozenset((3, 5, 7))
```

Example 2 Function Call

Copy

```
odds_in_range(-8, -2)
```

Example 2 Return Value

Copy

```
frozenset((-7, -5, -3))
```

Constraints

- The function `odds_in_range` will be called at most 1,0001,000 times.
- $-106 \le x \le y \le 106 - 10^6 \le x \le y \le 10^6$
- $y - x \le 100 y - x \le 100$

Scoring

- You get 100100 ❤️ points if you solve all test cases.

Report an issue

Clarifications

No clarifications have been made at this time.