



codewars.com/kata/5941c545f5c394fef900000c/train/python

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4kyu The Greatest Warrior

☆ 651 ● 133 ↗ 93% of 570 ● 1,405 of 3,031 👤 BurstNova

⚠ 6 Issues Reported

Instructions Output

Time: 551ms Passed: 162 Failed: 0

Test Results:

Fixed tests (72 of 72 Assertions)

Random Tests

- CREATING A NEW WARRIOR
- CREATING A NEW WARRIOR
- CREATING A NEW WARRIOR
- CREATING A NEW WARRIOR
- CREATING A NEW WARRIOR

Completed in 4.61ms

You have passed all of the tests! :)

Solution

```
34         return "A good fight"
35     elif self.level - opponent_level == 1:
36         self.set_stats(5)
37         return "A good fight"
38     elif self.level - opponent_level >= 2:
39         return "Easy fight"
40     elif self.rank < opponent_rank and opponent_level - self.level >= 5:
41         return "You've been defeated"
42     else:
43         self.set_stats(20 * (opponent_level - self.level) ** 2)
44         return "An intense fight"
```

Correct! You may take your time to refactor/comment your solution. Submit when ready.

Sample Tests

```
19 test.assert_equals(bruce_lee.training(["Defeated Chuck Norris", 9000, 1]), "Defeated
20 test.assert_equals(bruce_lee.experience, 9100)
21 test.assert_equals(bruce_lee.level, 91)
22 test.assert_equals(bruce_lee.rank, "Master")
23 test.assert_equals(bruce_lee.battle(90), "A good fight")
24 test.assert_equals(bruce_lee.experience, 9105)
25 test.assert_equals(bruce_lee.achievements, ["Defeated Chuck Norris"])
```

SKIP UNLOCK SOLUTIONS DISCUSS (74) RESET TEST SUBMIT

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Inst Translator Gmail Map Alerts Spotify Steam класрум fict KDM FICT Advisor KPI Moodle ChatGPT

5kyu PaginationHelper

☆ 1657 ● 314 ↗ 81% of 3,153 ● 11,848 of 34,309 👤 jhoffner

⚠ 8 Issues Reported

Instructions Output

Edge case: List [1,2,3,4] with 4 items per page (7 of 7 Assertions)

Edge case: Empty list (8 of 8 Assertions)

Edge case: List [1,2,3,4] with 1 item per page (12 of 12 Assertions)

Completed in 0.74ms

Random tests

- List with 39 items and 35 items per page (4 of 4 Assertions)
- List with 25 items and 9 items per page (4 of 4 Assertions)
- List with 30 items and 23 items per page (4 of 4 Assertions)
- List with 34 items and 49 items per page (4 of 4 Assertions)
- List with 17 items and 20 items per page (4 of 4 Assertions)
- List with 40 items and 8 items per page (4 of 4 Assertions)
- List with 31 items and 30 items per page (4 of 4 Assertions)
- List with 36 items and 14 items per page (4 of 4 Assertions)

Solution

```
10         return (len(self.collection) + self.items_per_page - 1) // self.items_per_page
11
12     def page_item_count(self, page_index):
13         if page_index < 0 or page_index >= self.page_count():
14             return -1
15         if page_index < self.page_count() - 1:
16             return self.items_per_page
17         return len(self.collection) % self.items_per_page or self.items_per_page
18
19     def page_index(self, item_index):
20         if item_index < 0 or item_index >= len(self.collection):
21             return -1
```

Outstanding! You may take your time to refactor/comment your solution. Submit when ready.

Sample Tests

```
33 test.assert_equals(empty.page_count(), 0, "page_count is returning incorrect va
34 test.assert_equals(empty.page_index( 0), -1, "page_index(0) called when there w
35 test.assert_equals(empty.page_index( 1), -1, "page_index(1) called when there w
36 test.assert_equals(empty.page_index(-1), -1, "page_index(-1) called when there
37 test.assert_equals(empty.page_item_count(0), -1, "page_item_count is returning
38 test.assert_equals(empty.page_item_count(1), -1, "page_item_count is returning
39 test.assert_equals(empty.page_item_count(-1), -1, "page_item_count is returning
```

SKIP UNLOCK SOLUTIONS DISCUSS (265) RESET TEST SUBMIT