

Training on Multiples of 3 or 5

codewars.com/kata/514b92a657cdc6515000006/train/python

Inst Translator Gmail Map Alerts Spotify Steam knacpyw fict KJIM FICT Advisor KPI Moodle ChatGPT

Kata Training

Multiples of 3 or 5 ✓

☆ 3495 ● 635 ➔ 88% of 36,276 ● 117,272 of 365,688 👤 jhoffner ⚠ 2 Issues Reported

Instructions Output Past Solutions

Time: 532ms Passed: 46 Failed: 0

Test Results:

> Fixed tests

> Random tests

You have passed all of the tests! :)

Python 3.11

VIM EMACS

Solution

```
1 def solution(number):
2     return sum(set([int(x) for x in range(number) if x % 3 == 0 or x % 5 == 0]))
```

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

Sample Tests

```
1 import codewars_test as test
2 from solution import solution
3
4 @test.describe("Sample tests")
5 def sample_tests():
6
7     @test.it("Should return 3 for n=4")
8     def _():
9         test.assert_equals(solution(4), 3)
10
11     @test.it("Should return 8 for n=6")
12     def _():
13         test.assert_equals(solution(6), 8)
14
```

⏪ SKIP 🔍 VIEW SOLUTIONS 💬 DISCUSS (515) RESET TEST SUBMIT

Training on Multiples of 3 or 5 Training on Hanoi record | Codewars Training on Build a pile of Cubes Is a number prime? | Codewars Highest and Lowest | Codewars Descending Order | Codewars

codewars.com/kata/5592e3bd57b64d0f30000047/train/python

Inst Translator Gmail Map Alerts Spotify Steam knacpyw fict KJIM FICT Advisor KPI Moodle ChatGPT

Kata Training

Build a pile of Cubes ✓

☆ 2713 ● 406 ➔ 86% of 7,860 ● 27,107 of 77,801 👤 g964

Instructions Output Past Solutions

Time: 3590ms Passed: 102 Failed: 0

Test Results:

> Fixed Tests

> Basic Test Cases (31 of 31 Assertions)

Completed in 319.01ms

> Random Tests

You have passed all of the tests! :)

Python 3.11

VIM EMACS

Solution

```
1 def find_nb(m):
2     n = 0
3     sum = 0
4     while True:
5         n += 1
6         sum += n ** 3
7         if sum > m:
8             return -1
9         elif sum == m:
10            return n
```

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

Sample Tests

```
1 import codewars_test as test
2 from solution import find_nb
3
4 @test.describe("Fixed Tests")
5 def fixed_tests():
6     @test.it('Basic Test Cases')
7     def basic_test_cases():
8         test.assert_equals(find_nb(4), -1)
9         test.assert_equals(find_nb(16), -1)
10        test.assert_equals(find_nb(4183059834009), 2022)
11        test.assert_equals(find_nb(24723578342962), -1)
12        test.assert_equals(find_nb(135440716410000), 4824)
13        test.assert_equals(find_nb(40539911473216), 3568)
14        test.assert_equals(find_nb(2682588395641), 3218)
```

⏪ SKIP 🔍 VIEW SOLUTIONS 💬 DISCUSS (334) RESET TEST SUBMIT

codewars.com/kata/534eb5ad704a49dcfa000ba6/train/python

Kata Training

Hanoi record ✓

☆ 95 ● 30 → 85% of 370 ● 1,076 of 2,730 Bugari

Instructions Output Past Solutions

Time: 550ms Passed: 106 Failed: 0

Test Results:

Submission tests

Basic Tests (6 of 6 Assertions)

Random Tests (100 of 100 Assertions)

Completed in 1.68ms

You have passed all of the tests! :)

Python 3.11

VIM EMACS

Solution

```
1 def hanoi(disks):
2     return 2 ** disks - 1
```

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

Sample Tests

```
1 import codewars_test as test
2 from solution import hanoi
3
4 @test.describe("Fixed Tests")
5 def fixed_tests():
6     @test.it("Basic Tests")
7     def basic_tests():
8         test.assert_equals(hanoi(1), 1)
9         test.assert_equals(hanoi(2), 3)
10        test.assert_equals(hanoi(3), 7)
11        test.assert_equals(hanoi(5), 31)
12        test.assert_equals(hanoi(10), 1023)
13        test.assert_equals(hanoi(20), 1048575)
```

SKIP VIEW SOLUTIONS DISCUSS (30) RESET TEST SUBMIT

codewars.com/kata/5262119038c0985a5b00029f/train/python

Kata Training

Is a number prime? ✓

☆ 2236 ● 407 → 84% of 8,211 ● 29,047 of 99,285 arithmetic ▲ 2 Issues Reported

Instructions Output Past Solutions

Time: 1412ms Passed: 519 Failed: 0

Test Results:

Basic

Random tests

You have passed all of the tests! :)

Python 3.11

VIM EMACS

Solution

```
1 from math import sqrt
2
3 def is_prime(num):
4     if num < 2:
5         return False
6
7     for x in range(2, int(sqrt(num)) + 1):
8         if num % x == 0:
9             return False
10    return True
```

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

Sample Tests

```
1 @test.describe("Basic")
2 def basic():
3
4     @test.it("Basic tests")
5     def basic_tests():
6         test.assert_equals(is_prime(0), False, "0 is not prime")
7         test.assert_equals(is_prime(1), False, "1 is not prime")
8         test.assert_equals(is_prime(2), True, "2 is prime")
9         test.assert_equals(is_prime(73), True, "73 is prime")
10        test.assert_equals(is_prime(75), False, "75 is not prime")
11        test.assert_equals(is_prime(-1), False, "-1 is not prime")
12
13
14    @test.it("Test prime")
```

SKIP VIEW SOLUTIONS DISCUSS (371) RESET TEST SUBMIT

Training on Multiples of 3 or 5 x Training on Hanoi record | Coi x Training on Build a pile of Cub x Training on Is a number prime x Training on Highest and Low x Descending Order | Codewars x +

codewars.com/kata/554b4ac871d6813a03000035/train/python

Inst Translator Gmail Map Alerts Spotify Steam knacpyw fict KJM FICT Advisor KPI Moodle ChatGPT

Kata Training

7kyu Highest and Lowest ✓

☆ 2966 ● 662 ↗ 90% of 21,756 ● 81,392 of 255,881 Deantwo

Instructions Output Past Solutions

Time: 574ms Passed: 19 Failed: 0

Test Results:

> Fixed Tests

> Random tests

You have passed all of the tests! :)

Python 3.11

VIM EMACS

Solution

```
1 def high_and_low(list):
2     lst = [int(x) for x in list.split()]
3     return f"{max(lst)} {min(lst)}"
```

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

Sample Tests

```
1 import codewars_test as test
2 from solution import high_and_low
3
4 @test.describe("Example Tests")
5 def fixed_tests():
6     @test.it("Test Case 1")
7     def basic_test_cases():
8         test.assert_equals(high_and_low("8 3 -5 42 -1 0 0 -9 4 7 4 -4"), "42 -9")
9     @test.it("Test Case 2")
10    def basic_test_cases():
11        test.assert_equals(high_and_low("1 2 3"), "3 1")
```

SKIP VIEW SOLUTIONS DISCUSS (267) RESET TEST SUBMIT

Training on Multiples of 3 or 5 x Training on Hanoi record | Coi x Training on Build a pile of Cub x Training on Is a number prime x Training on Highest and Low x Training on Descending Order x +

codewars.com/kata/5467e4d82edf8bbf40000195/train/python

Inst Translator Gmail Map Alerts Spotify Steam knacpyw fict KJM FICT Advisor KPI Moodle ChatGPT

Kata Training

7kyu Descending Order ✓

☆ 2905 ● 521 ↗ 90% of 21,803 ● 84,120 of 237,346 TastyOs ▲ 2 Issues Reported

Instructions Output Past Solutions

Time: 570ms Passed: 56 Failed: 0

Test Results:

> Fixed Tests

> Random tests

You have passed all of the tests! :)

Python 3.11

VIM EMACS

Solution

```
1 def descending_order(num):
2     lst = [int(x) for x in list(str(num))]
3     lst.sort(reverse=True)
4     return int(''.join(map(str, lst)))
```

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

Sample Tests

```
1 import codewars_test as test
2
3 try:
4     from solution import Descending_Order as descending_order
5 except ImportError:
6     from solution import descending_order
7
8 @test.describe("Fixed Tests")
9 def fixed_tests():
10    @test.it("Basic Test Cases")
11    def basic_test_cases():
12        test.assert_equals(descending_order(0), 0)
13        test.assert_equals(descending_order(15), 51)
14        test.assert_equals(descending_order(123456789), 987654321)
```

SKIP VIEW SOLUTIONS DISCUSS (379) RESET TEST SUBMIT