

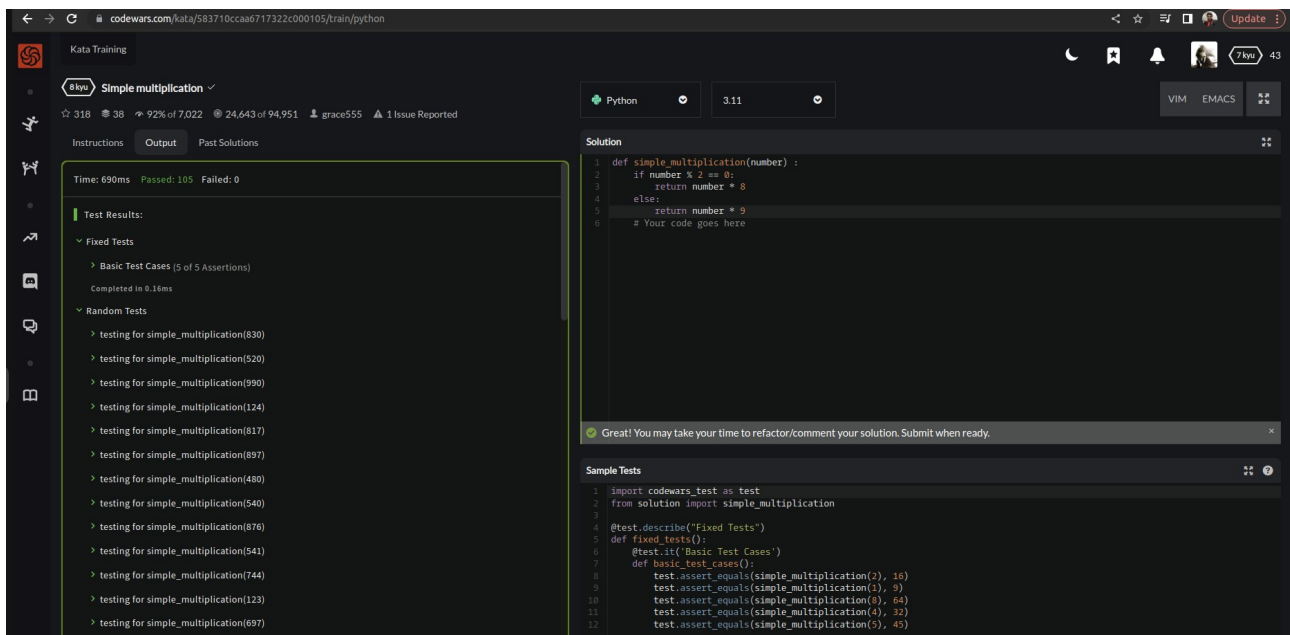
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## Simple multiplication

### DESCRIPTION:

This kata is about multiplying a given number by eight if it is an even number and by nine otherwise.

### SOLUTION:



The screenshot shows the Codewars interface for the 'Simple multiplication' kata. The left sidebar displays the 'Test Results' section, which includes 'Fixed Tests' and 'Random Tests'. The 'Fixed Tests' section shows 'Basic Test Cases (5 of 5 Assertions)' completed in 0.16ms. The 'Random Tests' section lists 15 test cases, all of which passed. The main area shows the 'Solution' code editor with the following Python code:

```
1 def simple_multiplication(number) :  
2     if number % 2 == 0:  
3         return number * 8  
4     else:  
5         return number * 9  
6     # Your code goes here
```

Below the solution code, there is a 'Sample Tests' section with the following code:

```
1 import codewars_test as test  
2 from solution import simple_multiplication  
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(simple_multiplication(2), 16)  
9         test.assert_equals(simple_multiplication(1), 9)  
10        test.assert_equals(simple_multiplication(8), 64)  
11        test.assert_equals(simple_multiplication(4), 32)  
12        test.assert_equals(simple_multiplication(5), 45)
```

### EXPLANATION:

So we're asked to make some calculations based on the given conditions or input. Therefore, we'll declare our parameter value in if condition with mod 2 which is mainly an even logic, this logic will return the value multiplied by 8. Moreover in else condition number will be returned by multiplied with 9 as odd number logic.