



Write logic for counting palindromic numbers generated from product of two two-digit numbers.

Explanation:

product of some two 2-digit numbers that gives palindrome

$$11 \times 11 = 121 : 1$$

$$11 \times 33 = 363 : 2$$

$$11 \times 44 = 484 : 3$$

$$11 \times 56 = 616 : 4$$

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$$99 \times 82 = 8118 : 226$$

$$99 \times 91 = 9009 : 227$$

Total count: 227 numbers

Define the following method

Name of Method : getCount()

Arguments : no arguments

Return type : integer (count of palindromes)

Method should meet the following functional expectations

1. Return count of palindromes generated from product of all two 2-digit numbers

Example:

Input : 22

Output : 13 ($2 \times 11 = 22$)

Input : 24

Output : 35 (2 + 3 + 4 + 6 + 8 + 12 = 35)

Download the skeleton code provided (ProductPalindrom.java)

Read the steps below carefully before you start

1. Download the skeleton code provided (ProductPalindrom.java)
2. In the downloaded file, add your code in the placeholder - "ADD YOUR CODE HERE"
3. To write code, you can use editors such as Eclipse, Notepad, GEdit, VIM etc
4. Compile your code
5. Check the output and upload the source file i.e., .java file

Follow the below steps to upload the file

1. click on 'Select a file' button. Locate and select the .java file(ProductPalindrom.java) you want to upload. Ensure that you select the correct file as only one file can be uploaded. In case you selected the wrong file, refresh the page before proceeding to next step.
2. Now the button 'Upload **ProductPalindrom.java**' will be displayed. Click this button to upload

File uploaded ProductPanlindrome.java

Your solution has been successfully submitted.

Your score is 10

Comment: Congratulations! Your code has compiled with no errors.

TestCase: testGetCount, Grade: Passed, Score: 10 out of 10, Message: getting count of palindromes

Attempt 1 of 10

Try Again.

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