✏ Practice Arena

Practice problems aimed to improve your coding skills.

📂 PRACTICE-02_SCAN-PRINT

📂 PRACTICE-03_TYPES

📂 LAB-PRAC-02_SCAN-PRINT

📂 LAB-PRAC-01

📂 PRACTICE-04_COND

📂 BONUS-PRAC-02

📂 LAB-PRAC-03_TYPES

📂 PRACTICE-05_COND-LOOPS

📂 LAB-PRAC-04_COND

📂 LAB-PRAC-05_CONDLOOPS

- ❓ Forgetful Mr C
- ❓ Rich Mr C
- ❓ Perfect Numbers
- ❓ Mr C builds a Calculator
- ❓ Love for Primes
- ❓ Tryst with Taylor
- ❓ Mr C is very busy
- ❓ Fabulous Fibonacci
- ❓ Digit Debacle
- ❓ May the fourth be with you
- ❓ Phone a friend
- ❓ The legend of Chess

📂 PRACTICE-07_LOOPS-ARR

📂 LAB-PRAC-06_LOOPS

📂 LAB-PRAC-07_LOOPS-ARR

📂 LABEXAM-PRAC-01_MIDSEM

📂 PRACTICE-09_PTR-MAT

📂 LAB-PRAC-08_ARR-STR

📂 PRACTICE-10_MAT-FUN

📂 LAB-PRAC-09_PTR-MAT

📂 LAB-PRAC-10_MAT-FUN

📂 PRACTICE-11_FUN-PTR

📂 LAB-PRAC-11_FUN-PTR

📂 LAB-PRAC-12_FUN-STRUC

📂 LABEXAM-PRAC-02_ENDSEM

📂 LAB-PRAC-13_STRUC-NUM

📂 LAB-PRAC-14_SORT-MISC

Phone a friend

LAB-PRAC-05_CONDLOOPS

Phone a friend [20 marks]

Problem Statement

In a planet called Vormir, there is a weird system for determining friendship between two persons.

- If the **number of even digits** in their telephone numbers are the same, then the two persons are friends
- If two persons are not friends but the **sum of the number of even digits** in their telephone numbers is even, then they are acquaintances.
- If two persons are neither friends nor acquaintances, they are enemies.

It is known that the planet has an **eight digit phone number** system. Write a program which takes as input, two phone numbers given as **positive integers** separated by a space and first prints the total number of even digits in each phone number, **separated by a space**, then in a **new line**, prints the relationship of the two people (Friends, Acquaintances, Enemies).

Caution

1. Be careful about extra/missing lines and extra/missing spaces.
2. Be careful not to make spelling mistakes in the output. The label should be either of "Friends", "Acquaintances", or "Enemies" (without quotes)
3. 0 is considered and even number

EXAMPLE:
INPUT
11111111 22222222

OUTPUT:
0 8
Acquaintances

Explanation 0 is not equal to 8 but their sum is 8 which is even
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Grading Scheme:
Total marks: **[20 Points]**

There will be partial grading in this question. There are two lines in your output. Printing each line correctly, in the correct order, carries 50% weightage. Each visible test case is worth 2 points and each hidden test case is worth 4 points. There are 2 visible and 4 hidden test cases.

Please remember, however, that when you press Submit/Evaluate, you will get a green bar only if all parts of your answer are correct. Thus, if your answer is only partly correct, Prutor will say that you have not passed that test case completely, but when we do autograding afterwards, you will get partial marks.

🍴 Start Solving! (/editor/practice/6087)