

Hello sampreet!
Account or Log Out

PRACTICE

COMPETE

DISCUSS

COMMUNITY

HELP

ABOUT

Home » Practice(Easy) » Ciel and A-B Problem

Ciel and A-B Problem ✓

Problem code: CIELAB

Tweet

Like

Share

Be the first of your friends to like this.

ALL SUBMISSIONS

MY SUBMISSIONS

SUBMIT

All submissions for this problem are available.

SUCCESSFUL SUBMISSIONS



In Ciel's restaurant, a waiter is training. Since the waiter isn't good at arithmetic, sometimes he gives guests wrong change. Ciel gives him a simple problem. What is **A-B** (**A** minus **B**) ? Surprisingly, his answer is wrong. To be more precise, his answer has exactly one wrong digit. Can you imagine this? Can you make the same mistake in this problem?

Input

An input contains 2 integers **A** and **B**.

Output

Print a wrong answer of **A-B**. Your answer must be a *positive* integer containing the same number of digits as the correct answer, and exactly one digit must differ from the correct answer. Leading zeros are not allowed. If there are multiple answers satisfying the above conditions, anyone will do.

Constraints

 $1 \leq B < A \leq 10000$

Sample Input

5858 1234

Sample Output

1624

Output details

The correct answer of 5858-1234 is 4624. So, for instance, 2624, 4324, 4623, 4604 and 4629 will be accepted, but 0624, 624, 5858, 4624 and 04624 will be rejected.

Notes

The problem setter is also not good at arithmetic.

Author: laycourse

Tester: Shangjingbo

Editorial: <http://discuss.codechef.com/problems/CIELAB>

Tags: cook17 easy laycourse

Date Added: 22-11-2011

Time Limit: 1 sec

Source Limit: 50000 Bytes

Languages: ADA, ASM, BASH, BF, C, C99 strict, CAML, CLOJ, CLPS, CPP 4.3.2, CPP 4.9.2, CPP14, CS2, D, ERL, FORT, FS, GO, HASK, ICK, ICON, JAVA, JS, LISP clisp, LISP sbcl, LUA, NEM, NICE, NODEJS, PAS fpc, PAS gpc, PERL, PERL6, PHP, PIKE, PRLG, PYTH, PYTH 3.1.2, RUBY, SCALA, SCM guile, SCM qobi, ST, TCL, TEXT, WSPC

SUBMIT

Comments ▶

CodeChef is a non-commercial competitive programming community

About CodeChef | About Directi | CEO's Corner | C-Programming | Programming Languages | Contact Us

© 2009 Directi Group . All Rights Reserved. CodeChef uses SPOJ © by Sphere Research Labs

In order to report copyright violations of any kind, send in an email to copyright@codechef.com

Directi
Intelligent People. Uncommon Ideas.

The time now is: 03:33:53 PM
Your IP : 14.139.196.3

CodeChef - A Platform for Aspiring Programmers

CodeChef was created as a platform to help programmers make it big in the world of algorithms, **computer programming** and **programming contests**. At CodeChef we work hard to

revive the geek in you by hosting a **programming contest** at the start of the month and another smaller programming challenge in the middle of the month. We also aim to have training sessions and discussions related to **algorithms**, **binary search**, technicalities like **array size** and the likes. Apart from providing a platform for **programming competitions**, CodeChef also has various algorithm tutorials and forum discussions to help those who are new to the world of **computer programming**.

Practice Section - A Place to hone your 'Computer Programming Skills'

Try your hand at one of our many practice problems and submit your solution in a language of your choice. Our **programming contest** judge accepts solutions in over 35+ programming languages. Preparing for coding contests were never this much fun! Receive points, and move up through the CodeChef ranks. Use our practice section to better prepare yourself for the multiple **programming challenges** that take place through-out the month on CodeChef.

Compete - Monthly Programming Contests and Cook-offs

Here is where you can show off your **computer programming** skills. Take part in our 10 day long monthly **coding contest** and the shorter format Cook-off **coding contest**. Put yourself up for recognition and win great prizes. Our **programming contests** have prizes worth up to INR 20,000 (for Indian Community), \$700 (for Global Community) and lots more CodeChef goodies up for grabs.

Programming Tools

[Online IDE](#)

[Upcoming Coding Contests](#)

[Contest Hosting](#)

[Problem Setting](#)

[CodeChef Tutorials](#)

[CodeChef Wiki](#)

Practice Problems

[Easy](#)

[Medium](#)

[Hard](#)

[Challenge](#)

[Peer](#)

[School](#)

[FAQ's](#)

Initiatives

[Go for Gold](#)

[CodeChef for Schools](#)

[Campus Chapters](#)