

Online 1

Due 10:50AM, 18 July (3 marks will be deducted per 5 minutes late submission)

Problem

A barcode is a method of representing data in a visual, machine-readable form which is pre-printed on almost every products you buy.

Write a program that asks the user to enter a 6-digit barcode and calculates the check digit from the barcode.

Calculation for finding the check digit:

Add the 1st, 3rd and 5th digit from left.

Add the 2nd and 4th digit from left.

Multiply the first sum by 3 and add it to the second sum.

Subtract 1 from total.

Compute the remainder when the adjusted total is divided by 10.

Subtract the remainder from 9.

Examples

Input
123457
Output
7

Instructions

1. You should save your code as Your_10_digit_sudent_id.c, e.g. if a student's id is 2013-3-60-23 his code should be saved as 2013-3-60-23.c. Remember, 10% of marks is allocated for following the name convention.
2. Submit your code in Google Classroom in proper section labeled as Online1.
3. Strictly follow the deadline of the online. 3 Marks will be deducted per 5 minutes for late submission.
4. **Finally, if you copy your code from any of the students both the copier and provider will be marked -100%.**