

Whenever somebody goes to an ATM to withdraw or deposit money, a calculation has to be done to keep the person's bank balance correct. Your task in this problem is to do such calculations. There is a bank rule that says that a customer may not have an overdraft of more than \$200, so any withdrawal that would take the balance below -200 must be stopped. (A minus sign is used to indicate an overdraft, or negative balance).

Input consists of a number of lines, each representing a transaction. Each transaction consists of an integer representing the starting balance (between -200 and +10,000), the letter W or the letter D (Withdraw or Deposit), followed by a second integer representing the amount to be withdrawn or deposited (between 5 and 400). Input will be terminated by a line containing 0 W 0.

Output consists of one line for each line of input showing the new balance for each transaction, except that if a withdrawal would take the balance below -200, the output must be the words Not allowed

**Sample Input**

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100 W 10
-200 D 300
50 W 300
0 W 0
```

**Output for Sample Input**

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90
100
Not allowed
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