

# DEEPIKA AND HER BANK ACCOUNT

Ranbir has deposited some money in Deepika's account. Deepika would like to withdraw  $x$  \$US from an ATM. The ATM machine will only accept the transaction if  $x$  is a multiple of 10, and Deepika's account balance has enough cash to perform the withdrawal transaction (including bank charges). For each successful withdrawal the bank charges 0.50 \$US.

Calculate Deepika's account balance after an attempted transaction.

## Input

The first line contains  $T$  ( $T < 20$ ), the number of Test cases followed by  $T$  lines containing  $X$  and  $Y$  each.

Positive integer  $0 < X \leq 2000$  - the amount of cash which Deepika wishes to withdraw.

Nonnegative number  $0 \leq Y \leq 2000$  with two digits of precision - Deepika's initial account balance.

## Output

Output the account balance after the attempted transaction, given as a number with two digits of precision. If there is not enough money in the account to complete the transaction, output the current bank balance.

## Example

### Input:

```
2
30 120.00
42 120.00
```

### Output:

```
89.50
120.00
```