BlueBook - Bills Bills Bills

Time limit: 1.0s **Memory limit:** 16M

BlueBook

A gas company has a monthly billing rate based on the total gas consumption by its customers. The charge varies according to the meter reading (m^3). The rate structure is as follows:

Total Consumption	Total Charge
For the first $10m^3$ or less	\$6.59 (minimum bill)
For the next $20m^3$	23.73 cents/m^3
For the next $55m^3$	22.71 cents/m^3
For the next $85m^3$	21.78 cents/m^3
For the next $170m^3$ or above	20.85 cents/m^3

Note: There are situations where the final reading may be less than the initial reading. For example, the initial reading might be `9980` while the final reading is `0015`, indicating a consumption during the month of $35m^3$ because the meter has 'rolled over'.

Input Specification

For each customer, the program should read an account number $0 \leq A \leq 99\,999$ and **two** meter readings $0 \leq M_1, M_2 < 10\,000$. M_1 represents the reading at the beginning of the month while M_2 represents the reading at the beginning of the next month. The first line of input will be the account number. The second line of input will be M_1 followed by a space then M_2. The input will be terminated if and only if a negative account number is entered.

Output Specification

For each customer, your program should re-output the customer's account number and then on a new line output the final charge in dollars rounded off to two decimal places.

Sample Input

```
34567
0000 0005
12345
0000 0015
-1
```

Sample Output

```
Account #: 34567
Bill: 6.59
Account #: 12345
Bill: 7.78
```