Slot Machine

The input consists of 3 consecutive **pairs** of a **symbol** and an **integer**. The output must contain a **combination** of symbols that has been formed after summing the **integer** and the **ASCII code** of the symbol in the respective pair. In 2 cases, the game gets over:

- If you get a combination of 3 consecutive "7" ("**777**") you win the great jackpot and the game is over
- If you get a combination of 3 consecutive "@" ("**@@@**") you automatically lose everything

In all the rest cases print only the combination of symbols.

The symbols from the ASCII table are in positions from **32** to **126** inclusive.

Input

The input consists of 6 lines:

- **symbol n** – the symbol from the 1st pair; its position in the ASCII table is from **32** to **126**
- **integer n1** – the integer from the 1st pair in the range **[1... 93]**
- **symbol m** – the symbol from the 2nd pair; its position in the ASCII table is from **32** to **126**
- **integer m1** – the integer from the 2nd pair in the range **[1... 93]**
- **symbol k** – the symbol from the 3rd pair; its position in the ASCII table is from **32** to **126**
- **integer k1** – the integer from the 2nd pair in the range **[1... 93]**

Output:

The required combination plus "!!! YOU LOSE EVERYTHING !!!" or "*** JACKPOT ***" on the next line. If the game is not over print just the combination.

Example

Input	Output
a 2 a 3 a 4	Cde
? 1 = 3 9 7	@@@ !!! YOU LOSE EVERYTHING !!!
/ 8 5 2 5	

2	