## Problem 4 – Selective Amnesia

Larry and Robin play a memory game involving of a sequence of random numbers between 1 and 10, inclusive, that are called out one at a time. Each player can remember up to 5 previous numbers. When the called number is in a player's memory, that player is awarded a point. If it's not, the player adds the called number to his memory, removing another number if his memory is full.

Both players start with empty memories. Both players always add new missed numbers to their memory but use a different strategy in deciding which number to remove:

* Larry's strategy is to remove the number that hasn't been called in the longest time.
* Robin's strategy is to remove the number that's been in the memory the longest time.

### Input

The input comes as from the console. Each row contains a digit. The input ends with the keyword "**END**".

### Output

Print one line with result of game. For draw you need to print **"Draw {points}".** If anyone win the game print **"{name} {point} Wins".**

### Constraints

* The **count** of the number lines will be in the range [1…10000000].
* Time limit: 0.3 sec. Memory limit: 16 MB.

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| 1  2  4  1  END | Draw 1 |

|  |  |
| --- | --- |
| **Input** | **Output** |
| 1  2  4  6  1  8  10  2  4  1  END | Robin 3 Wins   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Turn | Number | Larry Numbers | LP | Robin Numbers | RP | | 1 | 1 | 1 | 0 | 1 | 0 | | 2 | 2 | 1,2 | 0 | 1,2 | 0 | | 3 | 4 | 1,2,4 | 0 | 1,2,4 | 0 | | 4 | 6 | 1,2,4,6 | 0 | 1,2,4,6 | 0 | | 5 | 1 | 1,2,4,6 | 1 | 1,2,4,6 | 1 | | 6 | 8 | 1,2,4,6,8 | 1 | 1,2,4,6,8 | 1 | | 7 | 10 | 1,4,6,8,10 | 1 | 2,4,6,8,10 | 1 | | 8 | 2 | 1,2,6,8,10 | 1 | 2,4,6,8,10 | 2 | | 9 | 4 | 1,2,4,8,10 | 1 | 2,4,6,8,10 | 3 | | 0 | 1 | 1,2,4,8,10 | 2 | 1,4,6,8,10 | 3 | |