

Description

In this stage, you should write a program that reads 9 symbols from the input and writes an appropriate 3x3 field. Elements of the field can contain only 'x', 'o' and '_' symbols.

Note, that field has a specific format and should start and end with -----, all lines in between should start and end with '|' symbol and everything in the middle should be separated with a single space.

Examples

Examples below show how your output should look.

Example 1:

Enter cells: 0_OXXO_XX

```
-----  
| 0 _ 0 |  
| x x 0 |  
| _ x x |  
-----
```

Example 2:

Enter cells: 0X0__X_0X

```
-----  
| 0 x 0 |  
| _ _ x |  
| _ 0 x |  
-----
```

Example 3:

Enter cells: _X0__X__

```
-----  
| _ x 0 |  
| _ _ x |  
| _ _ _ |  
-----
```