# **Strings**

Input file: standard input Output file: standard output

Time limit: 2 second Memory limit: 64 megabytes

Given two strings *A* and *B*. Print three lines contain the following:

- The size of the string *A* and size of the string *B* separated by a space
- The string produced by **concatenating** A and B (A + B).
- The two strings separated by a single space respectively, after **swapping** their first character.

### For more clarification see the example below.

#### Input

The first line contains a string A ( $1 \le |A| \le 10$ ) where |A| is the length of A. The second line contains a string B ( $1 \le |B| \le 10$ ) where |B| is the length of B.

### **Output**

Print the answer required above.

### **Examples**

standard input	standard output
abcd	4 2
ef	abcdef
	ebcd af

#### **Note**

Declaration:

```
string a = "abc";
```

Size:

```
int len = a.size();
```

Concatenate two strings:

```
string a = "abc";
string b = "def";
string c = a + b; // c = "abcdef".
```

## Accessing i element:

```
string s = "abc";
char c0 = s[0];  // c0 = 'a'
char c1 = s[1];  // c1 = 'b'
char c2 = s[2];  // c2 = 'c'
s[0] = 'z';  // s = "zbc"
```