

# **Order String**

You get a string S consisting of random letters. Sort the letters in the string in alphabetical order and prioritize uppercase followed by lowercase letters.

### Format Input

String S containing uppercase and lowercase letters.

### Format Output

String S which has been sorted in ascending order then prioritizes uppercase letters followed by lowercase letters.

#### **Constraints**

CBaAbc

- $1 \le length(S) \le 10.000.000$
- S only consists of A Z, a z characters

## Sample Input (standard input)

Sample Output (star	idard output)		80
AaBbCc	UNL	/ERS	

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Kamu mendapatkan suatu string S yang terdiri dari huruf-huruf acak. Urutkan huruf-huruf dalam string tersebut berdasarkan urutan abjad dan mendahulukan huruf besar diikuti huruf kecil.

### Format Input

String S berisi huruf-huruf besar dan huruf-huruf kecil yang tidak berurutan.

### Format Output

String S yang sudah diurutkan menaik kemudian didahului huruf besar diikuti huruf kecil.

#### Constraints

CBalba

- $1 \le panjang(S) \le 10.000.000$
- S terdiri oleh karakter A Z, a z

## Sample Input (standard input)

	CDARDC
	Sample Output (standard output)
1	
	AaBbCc

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