

Problems 6: Change String

Given String S ($\text{length}(S) \leq 20$), you must change string S to S' with conditions:

1. All character numbers ('0' --> '9') in string removed.
2. All character is not latin case (not = 'a' --> 'z') change to '@'

Input

String S

Output

String S'

Example

Input:

12fu_acm_012zzz

Output:

fu@acm@zzz