

# Asterisk Strings

## ZPRAC-16-17-Lab9

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ASTERISK STRINGS [40 points]

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ANNOUNCEMENT: Up to 20% marks will be allotted for good programming practice. These include

- Comments for non trivial code
- Indentation: align your code properly

Up to 75% marks can be deducted if you do not use recursion

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Given a string, you have to print a new string where an asterisk '\*' is placed between identical adjacent characters.

Constraints: The string can have a maximum of 1000 characters

Input Format: The first line contains a string

Output Format: Output the string modified according to the above rules

Hint: It is not necessary to modify the original string or store the output in some string

EXAMPLE

Input:

alla

Output:

al\*la

Input:

ala

Output:

ala