

String in Parenthesis

ZPRAC-16-17-Lab9

String in parenthesis [40 points]

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

Given a string containing only a single pair of parenthesis, you have to output only the parenthesis and its contents. For example,

Constraints: The string can have a maximum of 1000 characters, it guaranteed there will be only one pair of valid brackets

Input Format: A line containing a string (of small English characters)

Output Format: The string as specified above (Parenthesis and its contents)

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

EXAMPLE

Input:

abc(xy)z

Output:

(xy)