MyRPackage

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# My R Package for MBG5035

This R package contains three functions for final homework of MBG5035.

## Introduction

This package contains 3 functions as listed; 1. String Duplication/Uniqueness Checker 2. MissingNos 3. Product of Others

## Functions

### String Duplication/Uniqueness Checker

This function takes a string as input and checks if your string is unique or has duplicates. It is not a uppercase sensitive function because it lower cases the input string, then creates a table of repetitiveness of each character and prints the output.

#### Example :)

Any string can be given. For instance let’s write “string” after running the string\_duplicated()

[1] “Your string is unique!”

### MissingNos Function

This function finds the 2 randomly picked missing numbers. In a bag that contains 100 tiles with from 1 to 100 numbers written on them, 2 randomly, without looking inside tile are picked and discarded. The function finds the discarded 2 numbers and prints.

#### Example :)

You can just run the function MissingNos() [1] “Missing Nos are:” [1] 76 87

### Product of Others Function

If you supply a number of integers to the function, it will give the output that each number will be multiplied with all numbers except the number itself.

#### Example :)

product = c(1,2,3) Product\_Others(product) [1] 6 3 2