Assignment 1: R Basics

Your name and student ID

Today's date

Instructions

- Complete this assignment.
- Instructions for submission.
- Due date:

1. **[2 points]** Assign two integers of your choosing to the values x and y such that they sum to 10.

```
x <- "<<<<YOUR CODE HERE>>>>"
y <- "<<<<YOUR CODE HERE>>>>"

# BEGIN SOLUTION
x <- 2
y <- 8
# END SOLUTION

check_problem1()
```

```
## [1] "Checkpoint 1 Passed: Passed."
## [1] "Checkpoint 2 Passed: Passed."
## [1] "Checkpoint 3 Passed: Passed."
##
## Problem 1
## Checkpoints Passed: 3
## Checkpoints Errored: 0
## 100% passed
## --------
## Test: PASSED
```

2. [1 point] Assign the product of x and y to a variable z.

```r
z <- "<<<<YOUR CODE HERE>>>>"

# BEGIN SOLUTION
z <- x * y
# END SOLUTION

check_problem2()
```

```
## [1] "Checkpoint 1 Passed: Passed."
##
## Problem 2
## Checkpoints Passed: 1
## Checkpoints Errored: 0
## 100% passed
## --------
## Test: PASSED
```

3. [1 point] What function do we use to load packages?

```r
# p3 <- "load"
# p3 <- "library"
# p3 <- "package"
# p3 <- "read"

# BEGIN SOLUTION
p3 <- "library"

# END SOLUTION
check_problem3()
```

```
## [1] "Checkpoint 1 Passed: Passed."
##
## Problem 3
## Checkpoints Passed: 1
## Checkpoints Errored: 0
## 100% passed
## --------
## Test: PASSED
```

4. [1 point] Load the nycflights13 package and assign subsetFlights to the first 10 rows of the flights dataset.

```
library(nycflights13)
subsetFlights <- "<<<<YOUR CODE HERE>>>>"

# BEGIN SOLUTION
subsetFlights <- flights[1:10,]

# END SOLUTION
check_problem4()
```

```
## [1] "Checkpoint 1 Passed: Passed."
##
## Problem 4
## Checkpoints Passed: 1
## Checkpoints Errored: 0
## 100% passed
## --------
## Test: PASSED
```

5. [1 point] What are you looking forward to learning in this class?

// BEGIN SOLUTION

Looking forward to learning lots! :)

// END SOLUTION

Check your score

```
# Just run this chunk.
total_score()
```

```
##                      Test Points_Possible          Type
## Problem 1          PASSED               2    autograded
## Problem 2          PASSED               1    autograded
## Problem 3          PASSED               1    autograded
## Problem 4          PASSED               1    autograded
## Problem 5 NOT YET GRADED               1 free-response
```