



ACADGILD

SESSION 5: Data Management Using R

Assignment 3

Table of Contents

1.Introduction	3
2.Objective.....	3
3.Prerequisites	3
4.Associated Data Files	3
5.Problem Statement	3
6.Expected Output.....	3
7.Approximate Time to Complete Task.....	3

1. Introduction

This assignment will help you understand the concepts learnt in the session.

2. Objective

This assignment will test your skills on Performing SET operations in R.

3. Prerequisites

Not applicable.

4. Associated Data Files

Not applicable.

5. Problem Statement

1. Test whether two vectors are exactly equal (element by element)

```
vec1 = c(rownames(mtcars[1:15,]))  
vec2 = c(rownames(mtcars[11:25,]))
```

Ans: Refer R Code 5.3

2. Sort the character vector in ascending order and descending order

```
vec1 = c(rownames(mtcars[1:15,]))  
vec2 = c(rownames(mtcars[11:25,]))
```

Ans: Refer R Code 5.3

3. What is the major difference between str c() and paste() show an example.

4. Introduce a separator when concatenating the strings

6. Expected Format

1. R file should be submitted where applicable.
2. R file should be in PDF or in .r format
3. Proper screenshots of the outputs should be submitted as well
4. The r codes, if submitted in any other format, will be subjected to deduction in marks

Note: Your solution will not be entertained if it is any other format, e.g., .zip, .doc, .rtf etc.

7. Approximate Time to Complete Task

30 mins.