SESSION 1: INTRODUCTION

Assignment 2

Table of Contents

1. Introduction

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

2. Objective

This assignment will test your skills on the basics of functions in R.

3. Prerequisites

Not applicable.

4. Associated Data Files

Not applicable.

5. Problem Statement

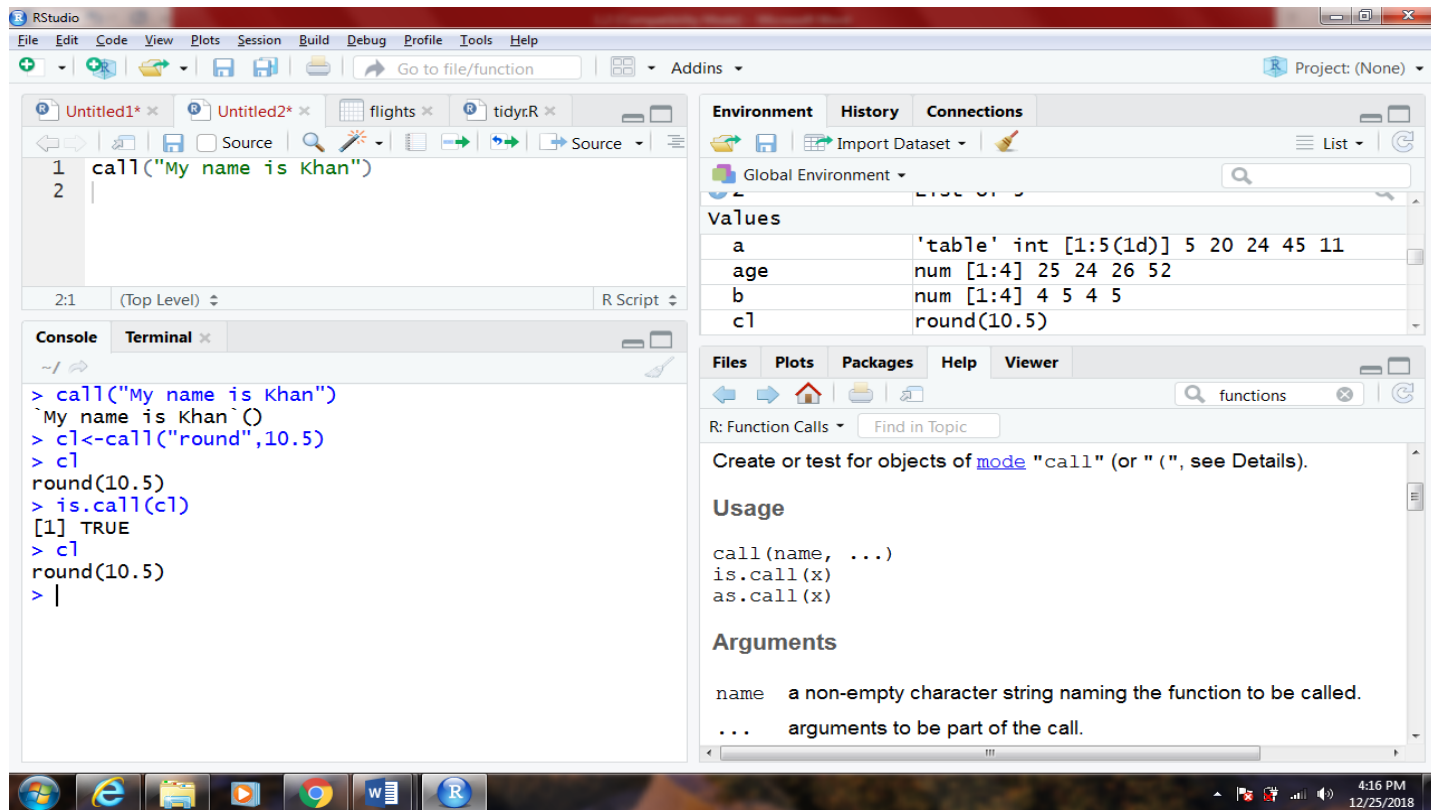1. How many ways are there to call a function in R?

Ans.- There are three ways of calling function in R –
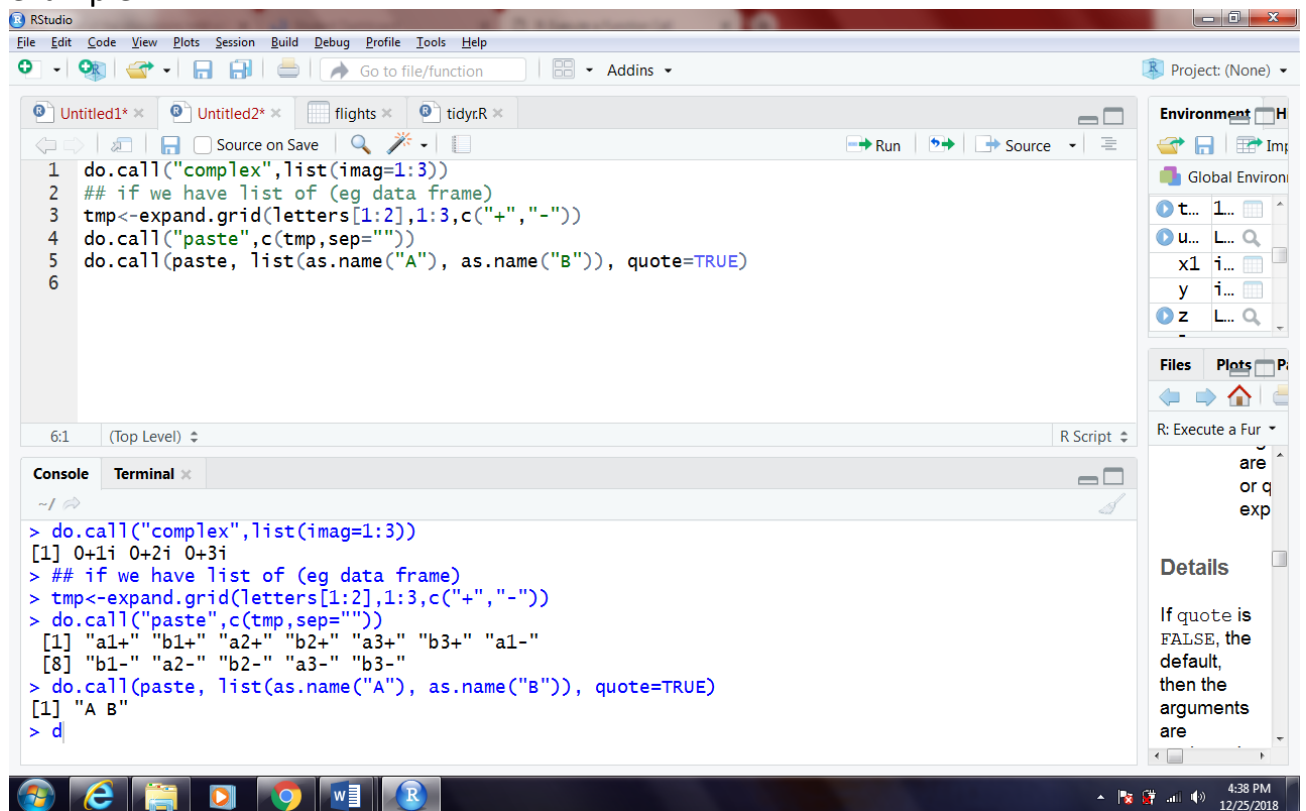
1. call()
2. do.call()
3. recall()

Examples:

call () - Create or test for objects of mode `"call"` (or `"("`, see Details)

```
call(name, ...)
is.call(x)
as.call(x)
callish(ch)
```
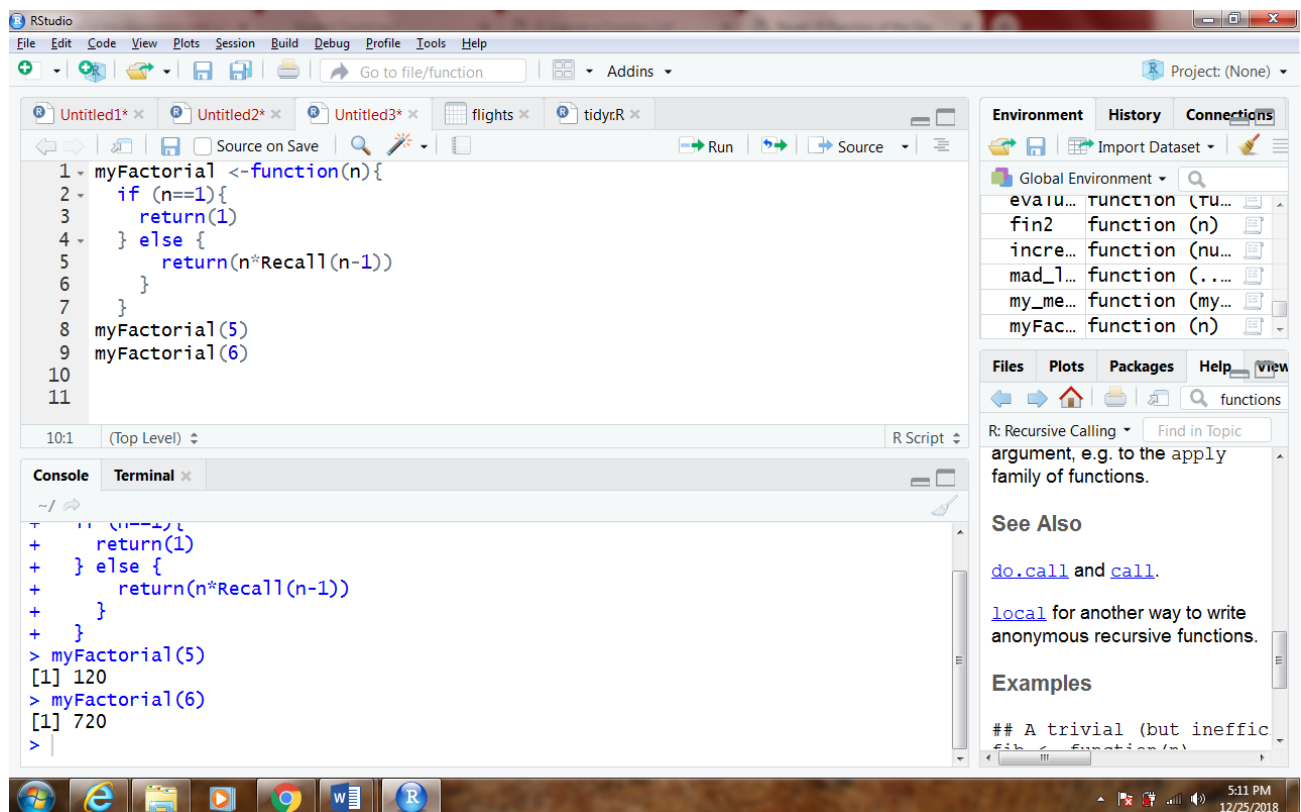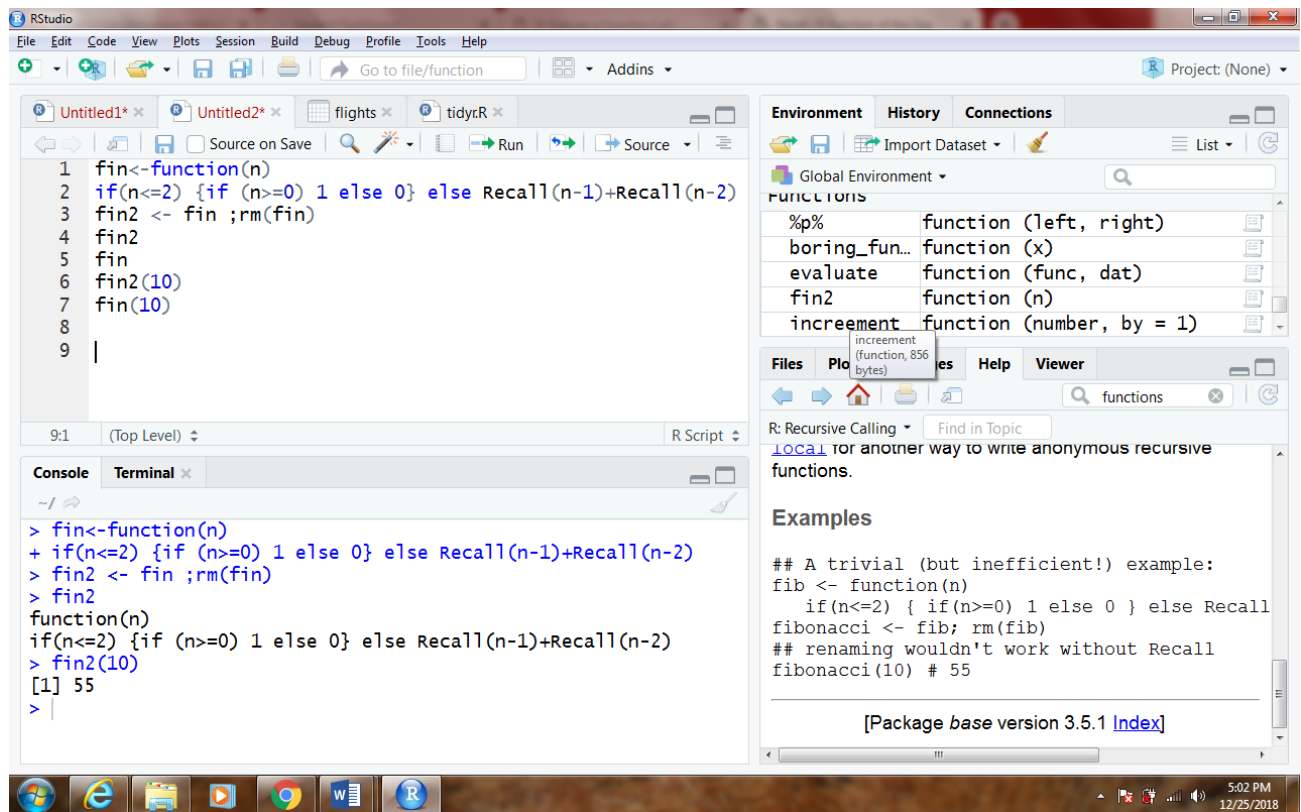
`do.call`- constructs and executes a function call from the name of the function and a list of arguments to be passed to it

example -

3- Recall function is used as a placeholder for the name of the function in which it is called.

2. Is the below statement true?

- The lazy evaluation of a function means, the argument is evaluated only if it is evaluated only if it is used inside the body of the function.- TRUE

3. Mention true or false for below statements:

a. Insights driven from descriptive analytics is not meaningful   False
b. The number of values in each Elements of a list, should be equal.- False
c. The datasets are not stored in memory of the computer using R- TRUE
d. Data frames and matrices are two dimensional however the array is multidimensional.
   True

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

20 mins.