

FUNCTIONS

Introduction

This assignment would help to develop the ability to build customized functions to solve problems using loops. Demonstrate with a help of a program to find the sum of squares of n natural numbers within a range $n1$ and $n2$. The function named “sum_squares” must accept 2 arguments $n1$ and $n2$, compute the sum of squares of all the number between $n1$ and $n2$ and print the sum.

Objective

To perform user defined functions for a specific task which is not provided in the built in functions of R.

Self-Assessment Questions

Steps involved:

- a) Develop a custom function that will take two arguments (two numbers)
- b) Calculate the difference between the 2 numbers and use it as a loop counter
- c) Compute the sum of the squares in the range, using loops
- d) Print the sum