Introduction to R Programming

Project Brief

Project Deliverable

- Your deliverable will be an R notebook that will contain your solution.
- You will need to submit the shareable link to your notebook

Problem Statement

ShippingtoMali, a shipping company, provides shipping to Mali for items bought on Amazon at a rate of $4 for the first item and $2 for each subsequent item with each of those items is also subject to import 10% tax. During this time, they also have a $10 discount for orders worth above $500.

Write an R program that prints out how much one would spend for both purchase and shipping of the given items ('item 1', 'item 2', 'item 3', 'item 4', 'item 5', 'item 6', 'item 7') from the given data that is stored in the vectors or lists.

We can write two functions that will help provide a solution to this problem.

- One function will iterate over the price list/vector (120, 32, 99, 49, 99, 75, 30) applying the respective tax and appending the result to the total_cost list/vector.
- The other function will take the number of items in an order as its only parameter then return the cost of shipping the function's result. This function would only display the shipping charge.