\*\*\* R Programming Language \*\*\*

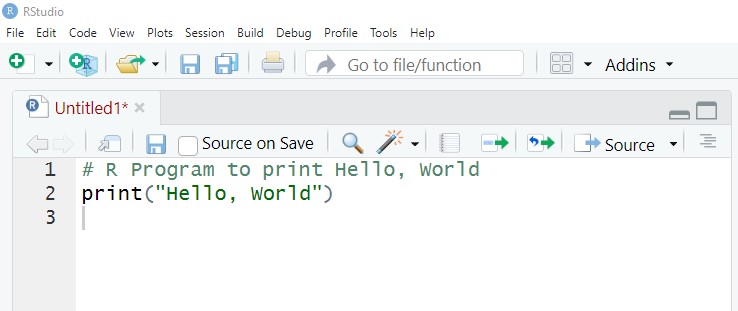
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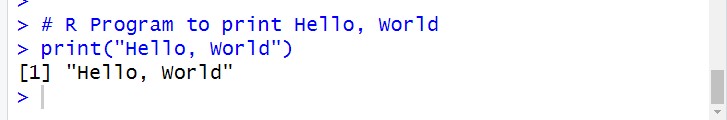
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01.=> Print “Hello World” to the Screen.

> Here a simple R Program that prints “Hello, World”:

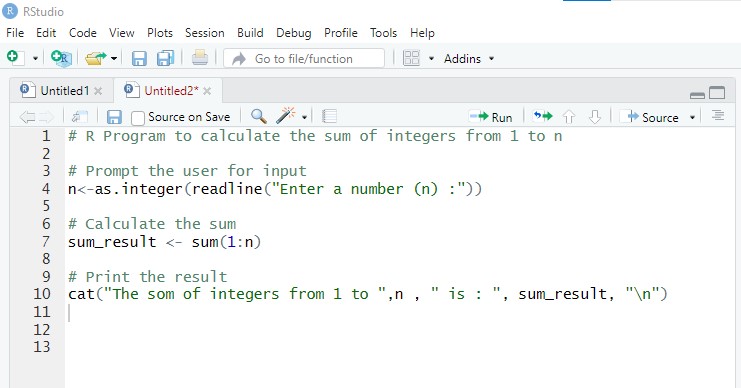
Syntax=> print(“Hello, World”)

 Code >

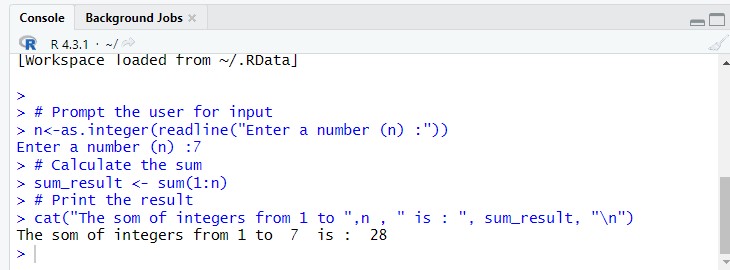
 Output >

02. > Write a program that asks the user for a number n and prints the sum of the 1 to n.

>that prompts the user for a number n and prints the sumb of integers from 1 to n;

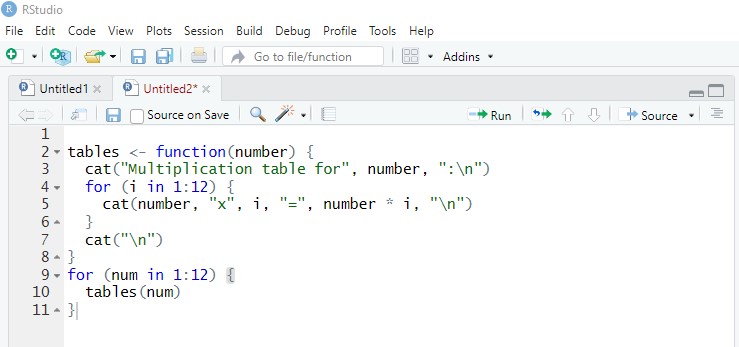
 Code >

Output >

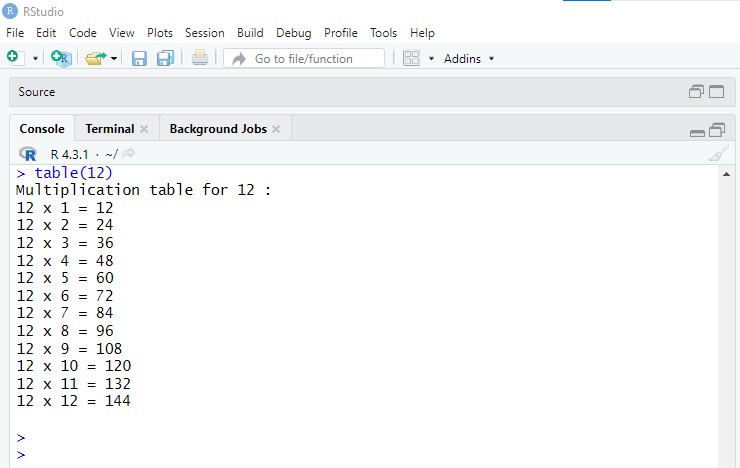


03. > Write a program that prints a multiplication table for numbers up to 12.

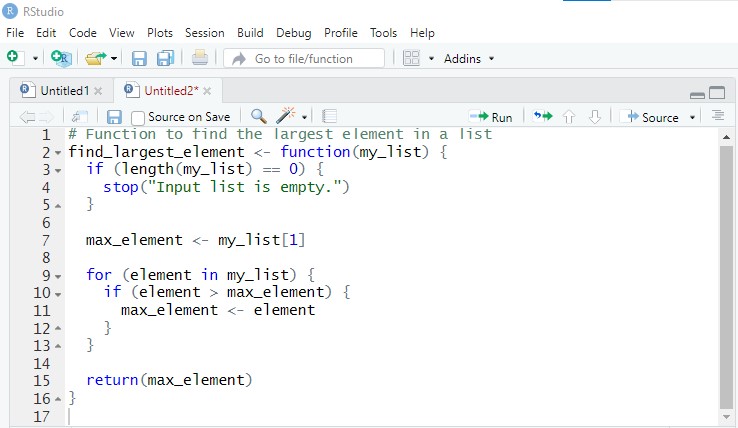
Code >



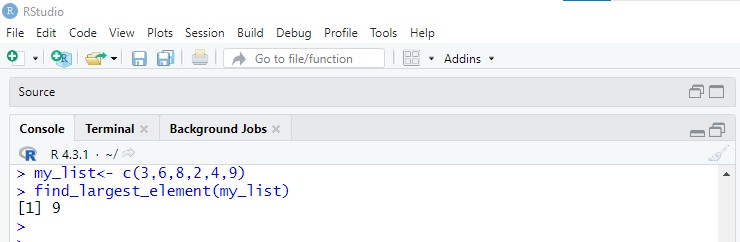
Output >



04. > Write a function that returns the largest element in a list.

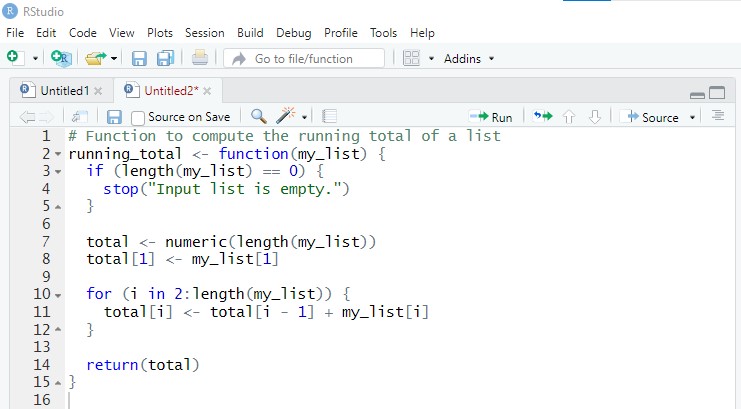
 Code >

Output >

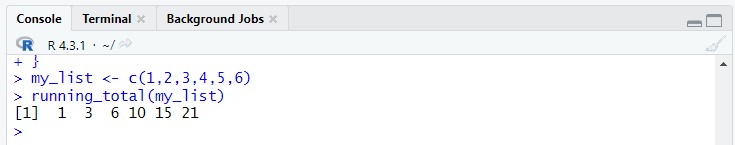


O5. > Write a function that computers the running total of a list.

Code >

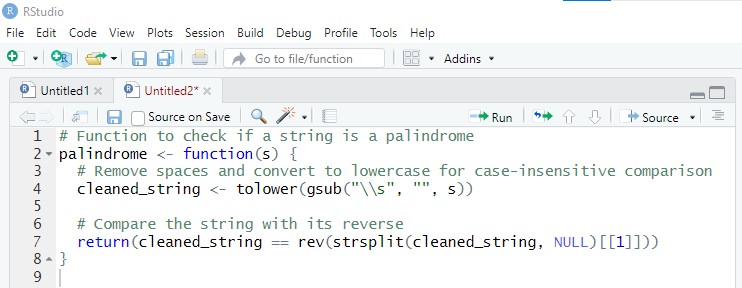


Output >

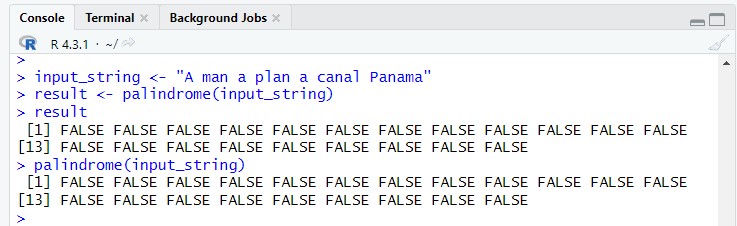


06. > Write a function that tests whether a string is Palindrome.

Code >

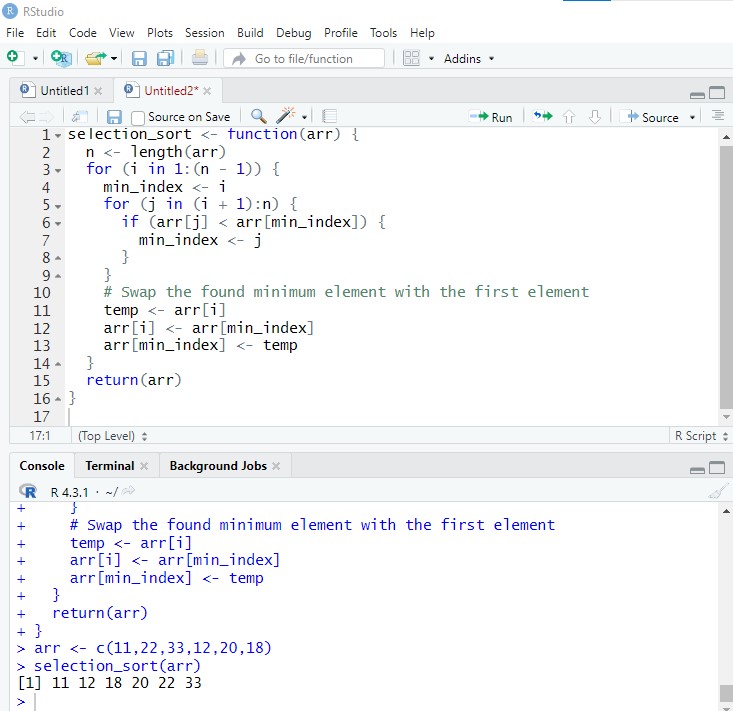


Output >

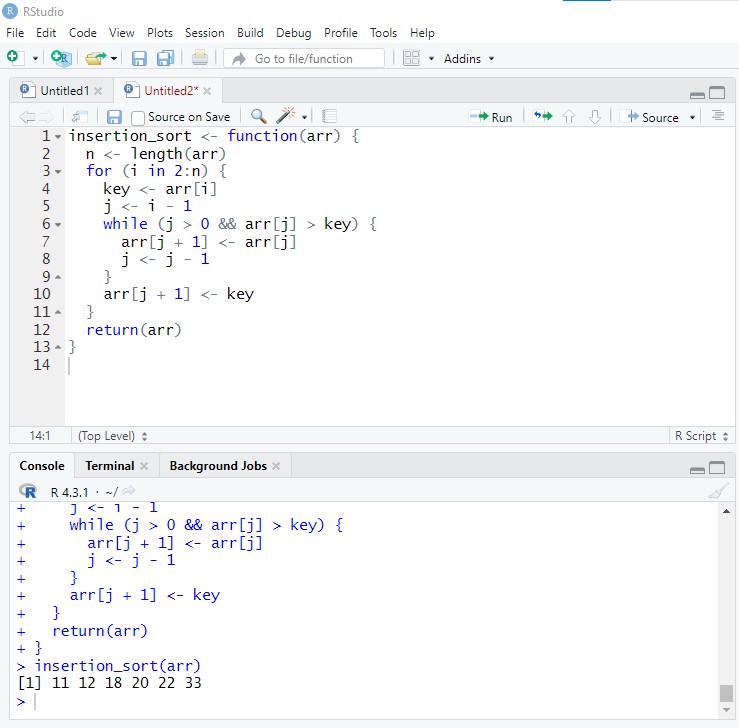


07. > Implement the following sorting algorithms: Selection sort, Insertion sort, Bubble sort.

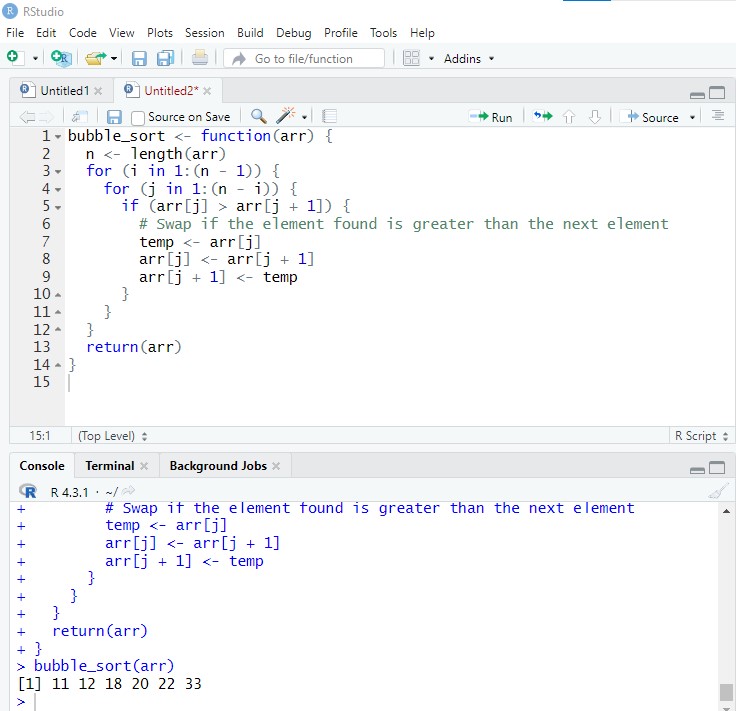
Code > Selection Sort



Code > Insertion Sort

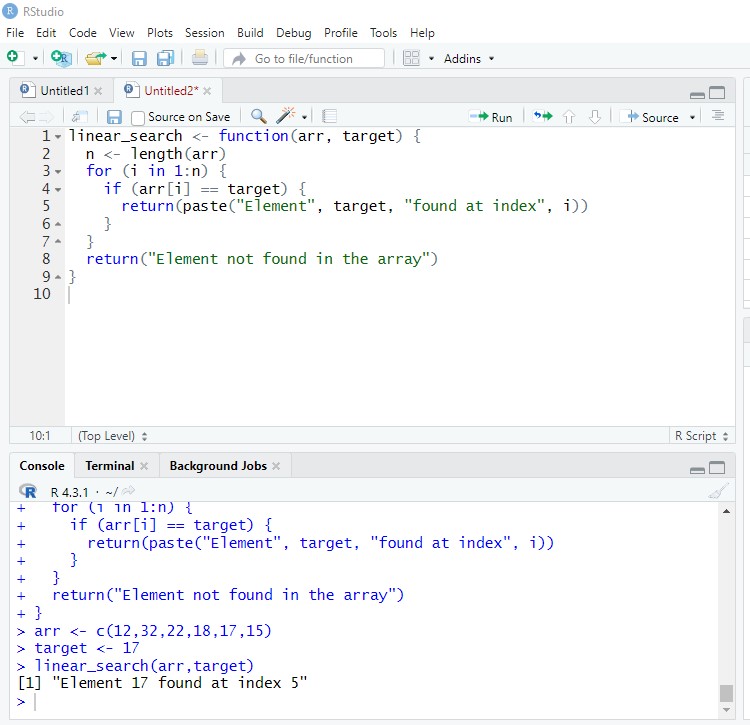


Code > Bubble Sort



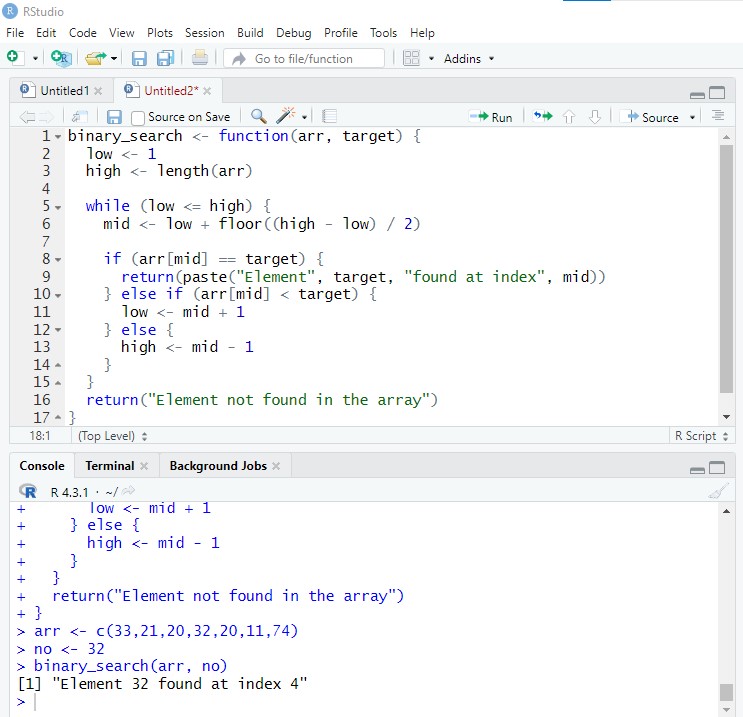
08. > Implement linear search.

Code >



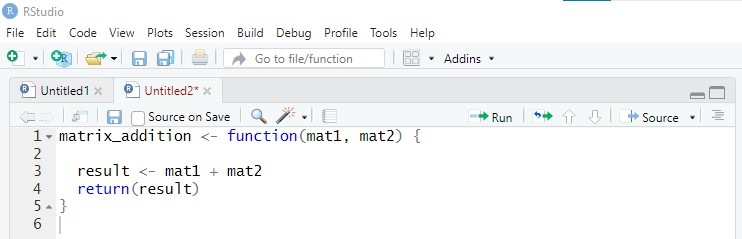
09. > Implement binary search.

Code >

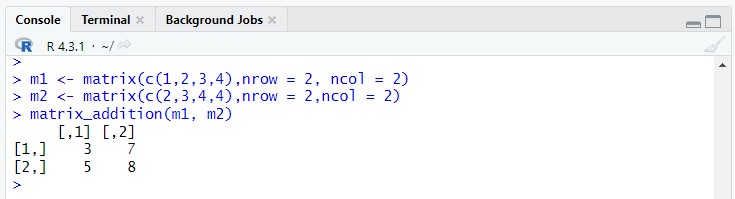


1. > Implement matrices addition, subtraction and Multiplication.

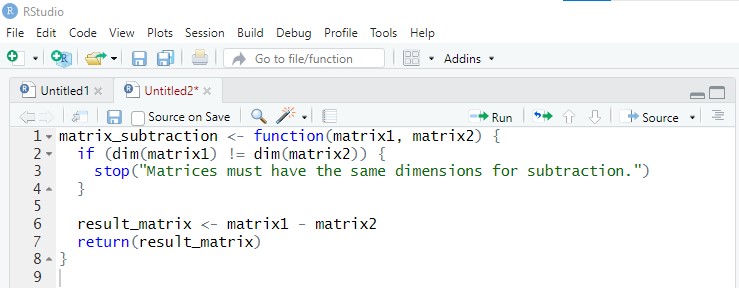
Code > Addition matrices



Output >



Code > Matrix Subtraction



Code > Matrix Multiplication

