first.R

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# Create two 2x3 matrices.  
matrix1 <- matrix(c(3, 9, -1, 4, 2, 6), nrow = 2)  
print(matrix1)

## [,1] [,2] [,3]  
## [1,] 3 -1 2  
## [2,] 9 4 6

matrix2 <- matrix(c(5, 2, 0, 9, 3, 4), nrow = 2)  
print(matrix2)

## [,1] [,2] [,3]  
## [1,] 5 0 3  
## [2,] 2 9 4

# Add the matrices.  
result <- matrix1 + matrix2  
cat("Result of addition","\n")

## Result of addition

print(result)

## [,1] [,2] [,3]  
## [1,] 8 -1 5  
## [2,] 11 13 10

# Subtract the matrices  
result <- matrix1 - matrix2  
cat("Result of subtraction","\n")

## Result of subtraction

print(result)

## [,1] [,2] [,3]  
## [1,] -2 -1 -1  
## [2,] 7 -5 2