

1. Write a function for the given problem using **List** Only

Input: two list of matrix

Output: matrix multiplication

N.b: shape can be $n*m$ where $n,m>1$

Example:

L1 = [[1,2,3],[1,2,3]]

L2 = [[1,2],[3,4],[5,6]]

Output = [[22,28],[22,28]]

2. Print the Numbers in between **11 to 90** which are divisible by 3 and 5.

3. Convert decimal number to binary number and vice-versa.

4. Reverse the list of numbers

Input: [243, 456, 876]

Output: [342, 654, 678]

5. Make a calculator which can perform +,-,*,/ operation on two or multiple numbers.

Input: 1,2,5,0 and operation +

Output: 8

6. Write a function to find the index of a number from a given list.

Input: [22,6,33,56,4,1,9,6], 1

Output: index 6