Higher Order Functions Problems

Problem 12

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Define a function *combined :: [Int] -> [Int -> Int] -> [[Int]]* that, given a list of integers and a list of functions from integers to integers, returns the list consisting of applying each of the functions in the second list to the elements in the first list.

Input

combined [1,2,3] [(+1),(*2),(^2)]

Output

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