What is the type of the `map` function?

What is the type of the `filter` function?
Write a function `multFirst :: [Integer] -> [Integer]` which returns a list containing the products of the first and n’th elements of the input. For example: `multFirst [2,3,4,5] = [6,8,10]`

Does your function use a higher-order function? If not, how could you write it using a higher order function?