1) """ Write a function called linear\_search\_product that takes the list of products and a target product name as input. The function should perform a linear search to find the target product in the list and return a list of indices of all occurrences of the product if found, or an empty list if the product is not found. """

def linearSearchProduct(productList, targetProduct):

indices = []

for index, product in enumerate(productList):

if product == targetProduct:

indices.append(index)

return indices

# Example usage:

products = ["shoes", "boot", "loafer", "shoes", "sandal", "shoes"]

target = "shoes"

target2 = 'apple'

result = linearSearchProduct(products, target)

print(result)