

challenge3. 1

```
def linear_search_product(product_list, target_product):
```

```
    indices = []
```

```
    for i, product in enumerate(product_list):
```

```
        if product == target_product:
```

```
            indices.append(i)
```

```
    return indices
```

```
# Example usage:
```

```
products = ["apple", "banana", "apple", "orange", "apple"]
```

```
target = "apple"
```

```
result = linear_search_product(products, target)
```

```
if result:
```

```
    print(f"The product '{target}' was found at indices: {result}")
```

```
else:
```

```
    print(f"The product '{target}' was not found in the list.")
```