```cpp
#include <iostream>

#include <vector>

#include <string>


std::vector<int> linear_search_product(const std::vector<std::string>& product_list, const std::string& target_product) {

    std::vector<int> indices;


    for (int i = 0; i < product_list.size(); ++i) {

        if (product_list[i] == target_product) {

            indices.push_back(i);

        }

    }


    return indices;

}


int main() {

    std::vector<std::string> products = {"apple", "banana", "apple", "orange", "apple"};

    std::string target = "apple";

    std::vector<int> result = linear_search_product(products, target);


    if (result.empty()) {

        std::cout << "Product not found." << std::endl;

    } else {

        std::cout << "Product found at indices: ";

        for (int index : result) {

            std::cout << index << " ";

        }

        std::cout << std::endl;
```

```
    }


    return 0:

}
```