#include <iostream>

#include <vector>

#include <algorithm>

using namespace std;

void printInventory(const string& label, const vector<string>& inventory) {

cout << label << ": [";

for (size\_t i = 0; i < inventory.size(); ++i) {

cout << '"' << inventory[i] << '"';

if (i < inventory.size() - 1) cout << ", ";

}

cout << "]\n";

}

int main() {

vector<string> currentInventory = {"apples", "bananas", "oranges", "pears"};

vector<string> shipment = {"kiwis", "bananas", "grapes"};

vector<string> soldOut = {"apples", "oranges"};

printInventory("Current Inventory", currentInventory);

printInventory("Shipment", shipment);

printInventory("Sold-out items", soldOut);

for (const auto& item : soldOut)

currentInventory.erase(remove(currentInventory.begin(), currentInventory.end(), item), currentInventory.end());

currentInventory.insert(currentInventory.end(), shipment.begin(), shipment.end());

sort(currentInventory.begin(), currentInventory.end());

currentInventory.erase(unique(currentInventory.begin(), currentInventory.end()), currentInventory.end());

printInventory("Updated Inventory", currentInventory);

return 0;

}