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Midterm Examination

```cpp
#include <iostream>

#include <map>

#include <string>

using namespace std;


class ShoeShop {

    map<string, double> inventory;

public:

    void addShoe() {

        string name; double price;

        cout << "Shoe name: "; getline(cin, name);

        cout << "Price: "; cin >> price; cin.ignore();

        inventory[name] = price;

    }


    void showInventory() {

        for (auto &item : inventory)

            cout << item.first << ": â,±" << item.second << endl;

    }


    void updateShoe() {
```

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        string name; double price;

        cout << "Shoe to update: "; getline(cin, name);

        if (inventory.count(name)) {

            cout << "New price: "; cin >> price; cin.ignore();

            inventory[name] = price;

        } else cout << "Shoe not found.\n";

    }


    void deleteShoe() {

        string name;

        cout << "Shoe to delete: "; getline(cin, name);

        inventory.erase(name);

    }
};


int main() {

    ShoeShop shop;

    int choice;


    do {

        cout << "\n1. Add Shoe\n2. Show Inventory\n3. Update Shoe\n4. Delete Shoe\n0.
Exit\nChoice: ";

        cin >> choice; cin.ignore();


        if (choice == 1) shop.addShoe();

        else if (choice == 2) shop.showInventory();
```

```cpp
        else if (choice == 3) shop.updateShoe();

        else if (choice == 4) shop.deleteShoe();

    } while (choice != 0);


    return 0;

}
```