Code Handout to accompany midterm exam

Home class used on exam:

class Home {
public:
    Home();
    // PRE: squareFeet and price must be non-negative
    Home(string address, int squareFeet, int price);
    int getPrice() const;
    string getAddress() const;
    int getSquareFeet() const;
private:
    string myAddress;
    int mySquareFeet;
    int myPrice;
};

// returns true if and only if h1 costs less than h2
bool costsLessThan(Home h1, Home h2);

Reminder of vector member functions names and operations:

vector<int> v1;
vector<int> v2(10);
vector<int> v2(10, 100); // each element has initial value 100
vector<int> v3(v2);
v1 = v2;
cout << v2[3];
cout << v2.size();
v2.push_back(70);
v2.pop_back();
v1.reserve(50); // changes capacity, not size
cout << v1.capacity();