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#include <bits/stdc++.h>
using namespace std;
void print(vector<string> names){
    printf("printing .....\\n");
    for(int i=0;i<names.size();i++){
        cout<<names[i]<<endl;
        printf("\\n");
    }
bool mycomp(string a, string b){
    return a<b;
}
vector<string> alphabaticallySort(vector<string> a){
    int n=a.size();
    sort(a.begin(),a.end(),mycomp);
    return a;
}
int main()
{
    int n;
    printf("enter number of names to be added\\n");
    scanf("%d",&n);
    vector<string> names;
    string name;
    printf("enter names: \\n");
    for(int i=0;i<n;i++){
        cin>>name;
        names.push_back(name);
    }
    printf("\\nbefor sorting\\n");
    print(names);
    names=alphabaticallySort(names);
    printf("after alphabetical sorting\\n");
    print(names);
    return 0;
}

```