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#include <iostream>

#include <vector>

using namespace std;

int main()
{
    vector<int>    array;

    int curNumber = 0;
    cout<<"Enter number: ";
    cin>>curNumber;

    while (curNumber != -1) {
        bool isExist = false;
        for (int i = 0; i < array.size(); ++i) {
            if (curNumber == array[i]) {
                cout<<curNumber<<" has already been entered"<<endl;

                isExist = true;
                break;
            }
        }

        if (!isExist) {
            array.push_back(curNumber);
        }
        for (int j = 0; j < array.size(); ++j) {
            cout<<array[j]<<" ";
        }
        cout<<endl;
        cout<<"Enter number: ";
        cin>>curNumber;
    }
}

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return 0;
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}
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