#include<bits/stdc++.h>

using namespace std;

int size = 0;

class node{

private:

int data;

node \*next;

public:

void addlast(int value);

void print();

};

node \*head = NULL;

node \*tail = NULL;

void node::addlast(int value){

node \*temp = new node();

temp->data = value;

temp->next = NULL;

if(head==NULL){

head = temp;

tail = temp;

}

else{

tail->next = temp;

tail = temp;

}

size++;

}

void node::print(){

node \*temp = head;

while(temp!=NULL){

cout<<temp->data<<" ";

temp = temp->next;

}

cout<<endl;

}

int main(){

head = NULL;

string s;

getline(cin,s);

node list;

// if(s=="display"){

// list.print();

// }

if(s!="quit"){

while(s!="quit"){

if(s=="display"){

list.print();

}

else if(s=="size"){

cout<<size<<endl;

}

else{

int pos = s.find(" ");

string operation = s.substr(0,pos);

string value = s.substr(pos+1);

int num = stoi(value);

if(operation=="addLast"){

list.addlast(num);

}

}

// list.print();

getline(cin,s);

if(s=="quit"){

break;

}

}

}

else{

// return;

}

}