assume cs:code,ds:data,ss:stack

data segment

arr dw 1H,1H,100 dup (0)

res db 800 dup (0)

data ends

stack segment

db 100 dup (0)

stack ends

code segment

start:

mov ax,data

mov ds,ax

mov ax,stack

mov ss,ax

mov bx,4

mov cx,30

for :

mov dx,0

add dx,ds:arr[bx-2]

add dx,ds:arr[bx-4]

mov ds:arr[bx],dx

add bx,2

loop for

mov ax,4c00H

int 21

code ends

end start

comment \*

求和

vector<int>arr={1,2,3,4,10,20,30,40};

int sum=0;

for(int i=0;i<arr.size();i++)sum+=arr[i];

拷贝

vector<int>arr={1,2,3,4,10,20,30,40};

int res[8];

for(int i=0;i<8;i++)res[i]=arr[i];

for(int i=0;i<8;i++)res[7-i]=arr[i];

for(int i=0,j=7;i<8;i++,j--)res[j]=arr[i];

翻转

vector<int>arr={1,2,3,4,10,20,30,40};

stack<int>stk;

for(int i=0;i<8;i++)stk.push(arr[i]);

for(int i=0;i<8;i++)arr[i]=stk.top(),stk.pop();

求斐波那契数列

int arr[100]={1,1};

for(int i=2;i<10;i++)arr[i]=arr[i-1]+arr[i-2];

\*comment