#include <stdio.h>

char char\_average(char array[], int count)

{

 int i;

 char average;

 average = 0;

 for (i = 0; i < count; i++)

 average += array[i];

 average /= count;

 return average;

}

int int\_average(int array[], int count)

{

 int i, average;

 average = 0;

 for (i = 0; i < count; i++)

 average += array[i];

 average /= count;

 return average;

}

void main(void) {

 char chars[] = { 1, 2, 3, 4, 5 };

 int integers[] = { 1, 2, 3, 4, 5 };

 printf("average1 = %d\n", char\_average(chars, sizeof(chars)));

 printf("average2 = %d\n", int\_average(integers, sizeof(integers)));

}

0031FCF8 <=ESP

0031FCF4 <arg2>

0031FCF0 <arg1>

0031FCEC <addr ret>

0031FCE8 EBP <= EBP

0031FCE4 <i>

0031FCE0 <average>

int fakt (int N) {

 return N\*fakt(N-1);

}

#include <

stdio.h

typedef unsigned DWORD;

DWORD adr\_ret

void Hook () {

DWORD M[1];

M[2] =

adr\_ret

printf

(" n");

}

void main () {

//int main () {

DWORD M[1];

adr\_ret = (DWORD)M[

M[2] = (DWORD)Hook;

// return 0;

 asm {

 ...

 }

}

0042FCB8 <addr ret>

0042FCB4 <EBP> <= EBP

0042FCB0 <ECX>

PUSH ECX => SUB ESP,4

0042FCBC 00000001

0042FCB8 <EBP> <= EBP

0042FCB4 M[0]