**Задача 6**

#include <stdlib.h>

#include <omp.h>

#include <iostream>

using namespace std;

const int n = 10;

int main()

{

int s1 = 0, s2=0;

int a[10], b[10];

for (int i = 0; i < n; i++)

{

a[i] = i;

b[i] = i+1;

}

#pragma omp parallel

{

#pragma omp for reduction(+:s1)

for (int i = 0; i < n; i++)

s1 += a[i];

#pragma omp for reduction(+:s2)

for (int i = 0; i < n; i++)

s2 += b[i];

}

printf("\nMean value a = %d\n", s1 / n);

printf("\nMean value a = %d\n", s2 / n);

if (s2 > s1)

{

printf("2");

}

else

{

printf("1");

}

}