**Задача 4**

#include <omp.h>

#include <stdio.h>

int main()

{

int a[10], b[10], n;

for (int i = 0; i < 10; i++)

{

a[i] = i;

b[i] = i;

}

omp\_set\_num\_threads(2);

#pragma omp parallel shared(a,b) private(n)

{

n = omp\_get\_thread\_num();

if (n == 0)

{

int min = a[0];

for (int i = 1; i < 10; i++)

if (a[i] < min)

min = a[i];

printf("Min a: %i\n", min);

}

else

{

int max = b[0];

for (int i = 1; i < 10; i++)

if (a[i] >max)

max = a[i];

printf("Max b: %i\n", max);

}

}

}