**Задание 2**

#include <omp.h>

#include <stdio.h>

using namespace std;

int main()

{

int a = 3;

omp\_set\_num\_threads(a);

#pragma omp parallel if (a>1)

{

int i = omp\_get\_thread\_num();

int j = omp\_get\_num\_threads();

printf("First region:All threads: %d. Num thread: %d\n", j, i);

}

int b = 1;

omp\_set\_num\_threads(b);

#pragma omp parallel if (b>1)

{

int i = omp\_get\_thread\_num();

int j = omp\_get\_num\_threads();

printf("Second region:All threads: %d. Num thread: %d\n", j, i);

}

}