



**High-Performance Computing**  
**CSE415**  
**Lab 1**

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## Code:-

```
//gcc -fopenmp hello.c
//./a.out
#include <omp.h>
#include <stdio.h>
int main()
{
    omp_set_num_threads(4);
    #pragma omp parallel
    {

        printf("Hello World from thread = %d \n",omp_get_thread_num());

        #pragma omp single
        printf("We have %d threads here.\n",omp_get_num_threads());

    }
    return 0;
}
```