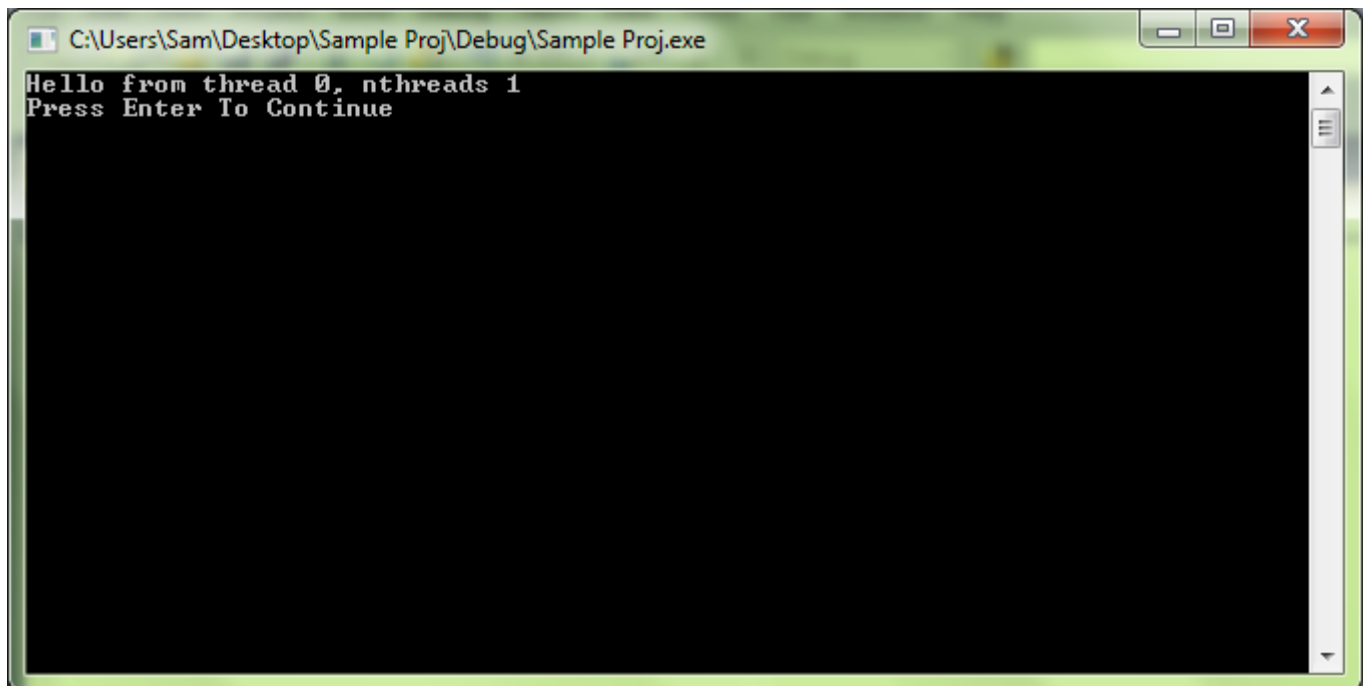# Enabling use of OpenMP with Visual Studio

Create a new project containing the code:
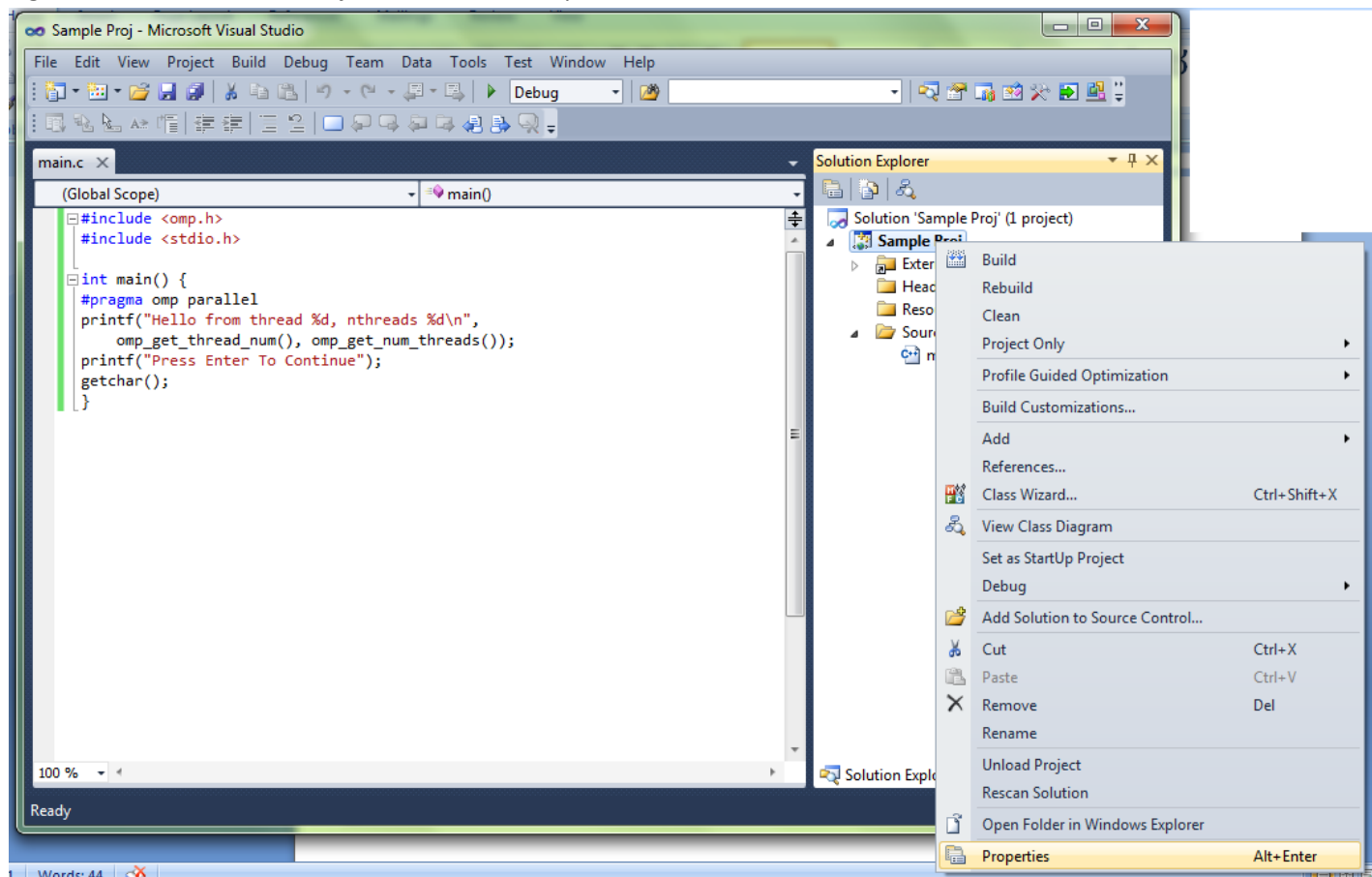
```c
#include <omp.h>
#include <stdio.h>

int main() {
#pragma omp parallel
printf("Hello from thread %d, nthreads %d\n",
        omp_get_thread_num(), omp_get_num_threads());
printf("Press Enter To Continue");
getchar();
}
```
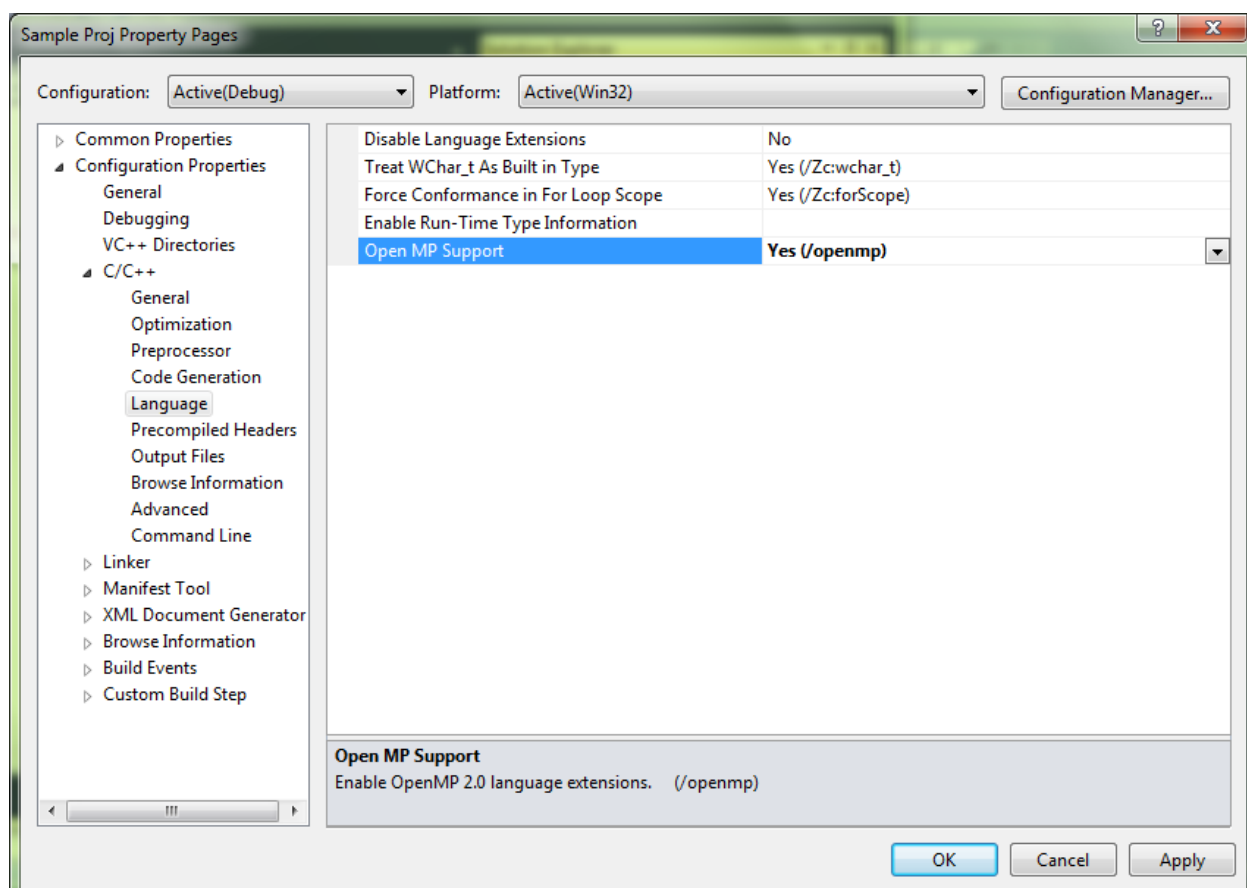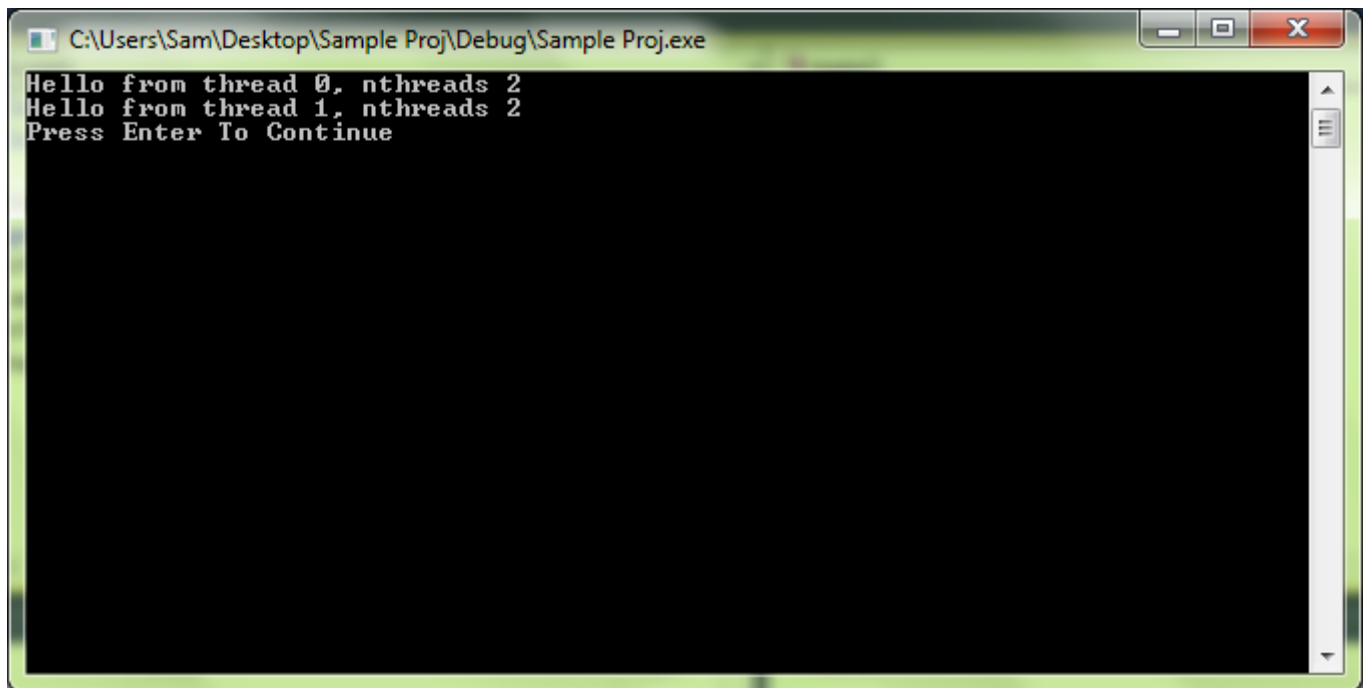
Building and running this should give:

Right click on the current Project and select "Properties":

Navigate down the TreeView on the left of the window. Configuration Properties -> C/C++ -> Language.
Find OpenMP Support and set this to "Yes (/openmp)".

Now re-build and run the project and – assuming you have a multi-processor machine – the output should be different.

```
C:\Users\Sam\Desktop\Sample Proj\Debug\Sample Proj.exe

Hello from thread 0, nthreads 2
Hello from thread 1, nthreads 2
Press Enter To Continue
```