

Example for OpenMP:

Compile the following program in C with OpenMP API,  
and execute it.

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```
#include<omp.h>
#include<stdio.h>

int main()
{
    char a[11]={'h','e','l','l','o',' ','w','o','r','l','d'};
    int b[11]={0,0,0,0,0,0,0,0,0,0,0};
    int i;

#pragma omp parallel for
    for(i=0;i<11;i++)
    {
        b[i]=a[i];

        printf("%c, Thread No. = %d, # of Threads = %d\n",
               b[i], omp_get_thread_num(), omp_get_num_threads());
    }

    for(i=0;i<11;i++)
        printf("b[%d]=%c\n", i, b[i]);

    return 0;
}
```