OpenMP - section parallelization

Section parallelization: at Print value, the value of x could be either 2 or 5, depending on the timing of the threads, and the implementation of the assignment to x.

```
#include <stdio.h>
                                                                                     #include <omp.h>
int main(){
 int x;
 x = 2;
 #pragma omp parallel num_threads(2) shared(x)
   if (omp_get_thread_num() == 0) {
     x = 5;
   } else {
      /* Print A: the following read of x has a race */
      printf("A: Thread# %d: x = %d\n", omp_get_thread_num(),x );
    }
   #pragma omp barrier
   if (omp_get_thread_num() == 0) {
     /* Print B */
     printf("B: Thread# %d: x = %d\n", omp_get_thread_num(),x );
     } else {
      /* Print C */
      printf("C: Thread# %d: x = %d\n", omp_get_thread_num(),x );
 }
return 0;
}
```