HPC\_HW\_Chap5\_Part2

Exercise 5.2

According to my test, when the number of threads increases to 40 (maybe even less), the result obtained without the critical directive is inconsistent with the one obtained with the directive. The value of n should have no influence on the result, because race occurs among threads. No matter what value n is assigned, n will be divided into partial work and carried out within each thread.

Exercise 5.6

The default scheduling uses block partitioning. Code is attached.