The multicore module was run on a dual core machine. In first case, 1 smp was selected. In second case, 2 smp were used and in the third case 4 smp were used.

While using 1 smp, the speed up was 0.831 for sort and 1.009 for Fibonacci series.

When using 2 smp, the speed up was 1.26 for sort and 1.88 for Fibonacci series.

The increase in speedup observed is due to distribution of scheduler load between cores.

When using 4 smp, the speed up was 1.23 for sort and 1.98 for Fibonacci.

The irregular increase and decrease in case of sort and Fibonacci respectively is due to the fact that using 4 scheduler increases the load on both the core, hence the speedup observed is irregular.