Lab7 prob2

Problem 2:

- Algorithm:

- compute two numbers and pass the result to the next thread

- used simple threads and mutex to sync the addition

- used autoresetevent to sync the parent threads

- Tests:

- Test 1:

- no of numbers: 4

- time taken : 00:00:00.0125199 sec

- Test 2:

- no of numbers: 2

- time taken : 00:00:00.0134791 sec

- Test 3:

- no of numbers: 6

- time taken : 00:00:00.0160315 sec

- Test 4:

- no of numbers: 100

- time taken : mult…

- Test 5:

- no of numbers: 6

- time taken : 00:00:00.0119426 sec

- Test 6:

- no of numbers: 4

- time taken : 00:00:00.0056351 sec

- Test 7:

- no of numbers: 2

- time taken : 00:00:00.0083213 sec