SYNCHRONIZATION

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```
HANDLE ghSemaphore;
```

```
&ThreadProcSemaphore,
   INFINITE);
    CloseHandle(aThread[i]);
printf("\nTHREADS WITHOUT SEMAPHORES\n");
```

Output:

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19042.906]
(c) Microsoft Corporation. All rights reserved.
C:\Users\RAVELLA ABHINAV\OneDrive\Desktop\Review2>gcc semaphore.cpp
C:\Users\RAVELLA ABHINAV\OneDrive\Desktop\Review2>a
THREAD SYNCHRONIZATION WITH SEMAPHORES
Thread with 17540 id is executing...
Enter 1st number: 59
Enter 2nd number: 53
Sum of 59 and 53 : 112
Thread with 18044 id is executing...
Enter 1st number: 44
Enter 2nd number: 49
Sum of 44 and 49 : 93
THREADS WITHOUT SEMAPHORES
Thread with 17400 id is executing.....
Thread with 9628 id is executing.....
Thread with 9628 id is executing.....
Thread with 17400 id is executing.....
Thread with 17400 id is executing.....
Thread with 9628 id is executing.....
Thread with 9628 id is executing.....
Thread with 17400 id is executing.....
Thread with 9628 id is executing.....
Thread with 17400 id is executing.....
C:\Users\RAVELLA ABHINAV\OneDrive\Desktop\Review2>
```