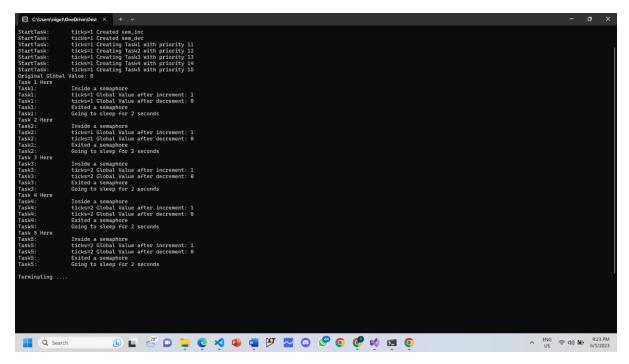
## **Assessment (ECE3073)**

## Lab 6 Output



Name: Tan Jin Chun Student ID: 32194471

## The entire output



## **Output Enlarged**

```
C:\Users\nigel\OneDrive\Desl ×
StartTask:
                           ticks=1 Created sem_inc
                          ticks=1 Created sem_inc
ticks=1 Created sem_dec
ticks=1 Creating Task1 with priority 11
ticks=1 Creating Task2 with priority 12
ticks=1 Creating Task3 with priority 13
ticks=1 Creating Task4 with priority 14
ticks=1 Creating Task5 with priority 15
StartTask:
StartTask:
StartTask:
StartTask:
StartTask:
StartTask:
Original Global Value: 0
Task 1 Here
Task1:
                          Inside a semaphore
                          ticks=1 Global Value after increment: 1 ticks=1 Global Value after decrement: 0
Task1:
Task1:
Task1:
                          Exited a semaphore
                          Going to sleep for 2 seconds
Task1:
Task 2 Here
Task2:
                           Inside a semaphore
                          ticks=1 Global Value after increment: 1
ticks=1 Global Value after decrement: 0
Task2:
Task2:
                          Exited a semaphore
Going to sleep for 2 seconds
Task2:
Task2:
Task 3 Here
Task3:
                           Inside a semaphore
                          ticks=2 Global Value after increment: 1
ticks=2 Global Value after decrement: 0
Task3:
Task3:
                          Exited a semaphore
Going to sleep for 2 seconds
Task3:
Task3:
Task 4 Here
                          Inside a semaphore
ticks=2 Global Value after increment: 1
ticks=2 Global Value after decrement: 0
Task4:
Task4:
Task4:
                          Exited a semaphore
Going to sleep for 2 seconds
Task4:
Task4:
Task 5 Here
Task5:
                           Inside a semaphore
                          ticks=2 Global Value after increment: 1
ticks=2 Global Value after decrement: 0
Task5:
Task5:
Task5:
                           Exited a semaphore
                          Going to sleep for 2 seconds
Task5:
Terminating .
```