

# Assessment (ECE3073)

## Lab 6 Output



MONASH University

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The entire output

```
C:\Users\nigel\OneDrive\Desl  x  +  v

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

Output Enlarged

```
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StartTask:      ticks=1 Created sem_inc
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Task1:          Exited a semaphore
Task1:          Going to sleep for 2 seconds
Task 2 Here
Task2:          Inside a semaphore
Task2:          ticks=1 Global Value after increment: 1
Task2:          ticks=1 Global Value after decrement: 0
Task2:          Exited a semaphore
Task2:          Going to sleep for 2 seconds
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Task3:          Inside a semaphore
Task3:          ticks=2 Global Value after increment: 1
Task3:          ticks=2 Global Value after decrement: 0
Task3:          Exited a semaphore
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Task4:          ticks=2 Global Value after increment: 1
Task4:          ticks=2 Global Value after decrement: 0
Task4:          Exited a semaphore
Task4:          Going to sleep for 2 seconds
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Task5:          Inside a semaphore
Task5:          ticks=2 Global Value after increment: 1
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Terminating ....
```