

OS Lab Report – Week 8 & 9

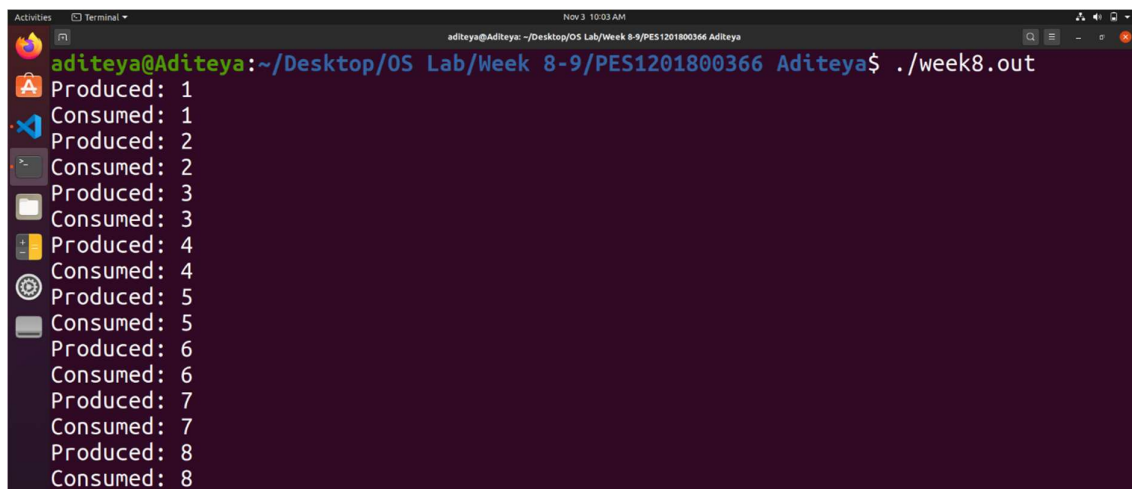
Producer - Consumer Problem

PES1201800366

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1. Week 8


Write a C program to implement Producer Consumer problem using Semaphores.



```
aditeya@Aditeya: ~/Desktop/OS Lab/Week 8-9/PES1201800366 Aditeya$ ./week8.out
Produced: 1
Consumed: 1
Produced: 2
Consumed: 2
Produced: 3
Consumed: 3
Produced: 4
Consumed: 4
Produced: 5
Consumed: 5
Produced: 6
Consumed: 6
Produced: 7
Consumed: 7
Produced: 8
Consumed: 8
```

2. Week 9

Write a C program to implement Producer Consumer problem using Pipes.



```
aditeya@Aditeya: ~/Desktop/OS Lab/Week 8-9/PES1201800366 Aditeya$ ./week9.out
Produced: 1
Produced: 2
Produced: 3
Produced: 4
Produced: 5
Produced: 6
Produced: 7
Produced: 8
Produced: 9
Produced: 10
Consumed: 1
Consumed: 2
Consumed: 3
Consumed: 4
Consumed: 5
Consumed: 6
Consumed: 7
Consumed: 8
Consumed: 9
Consumed: 10
```