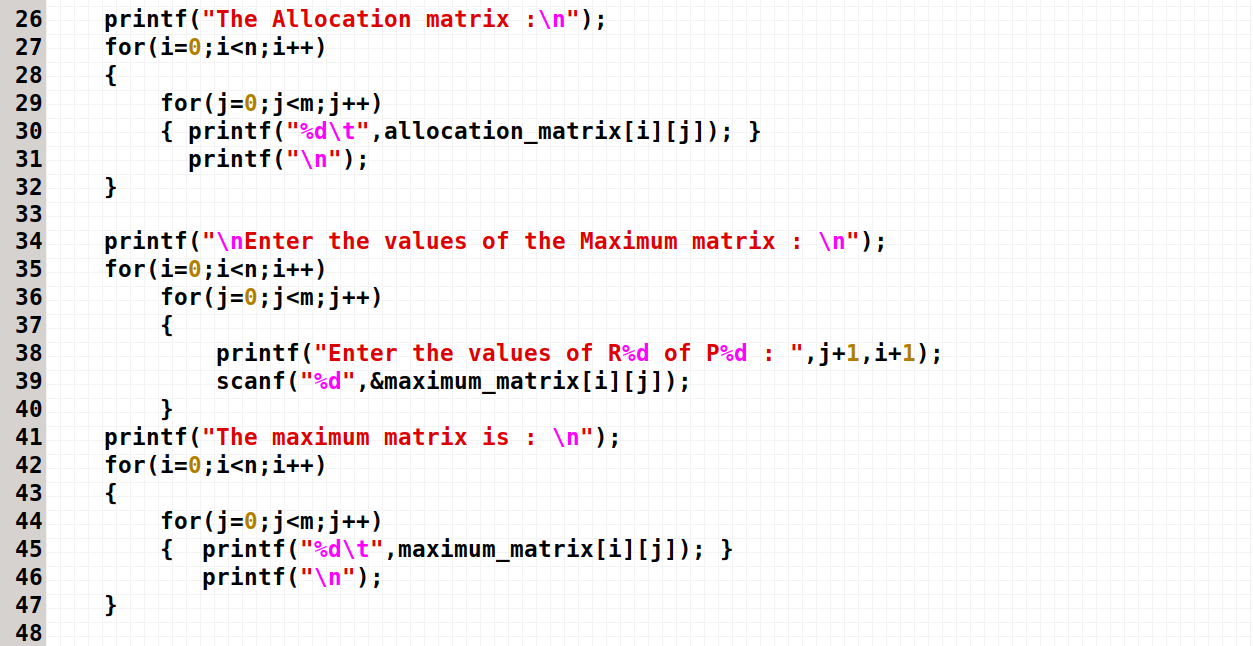
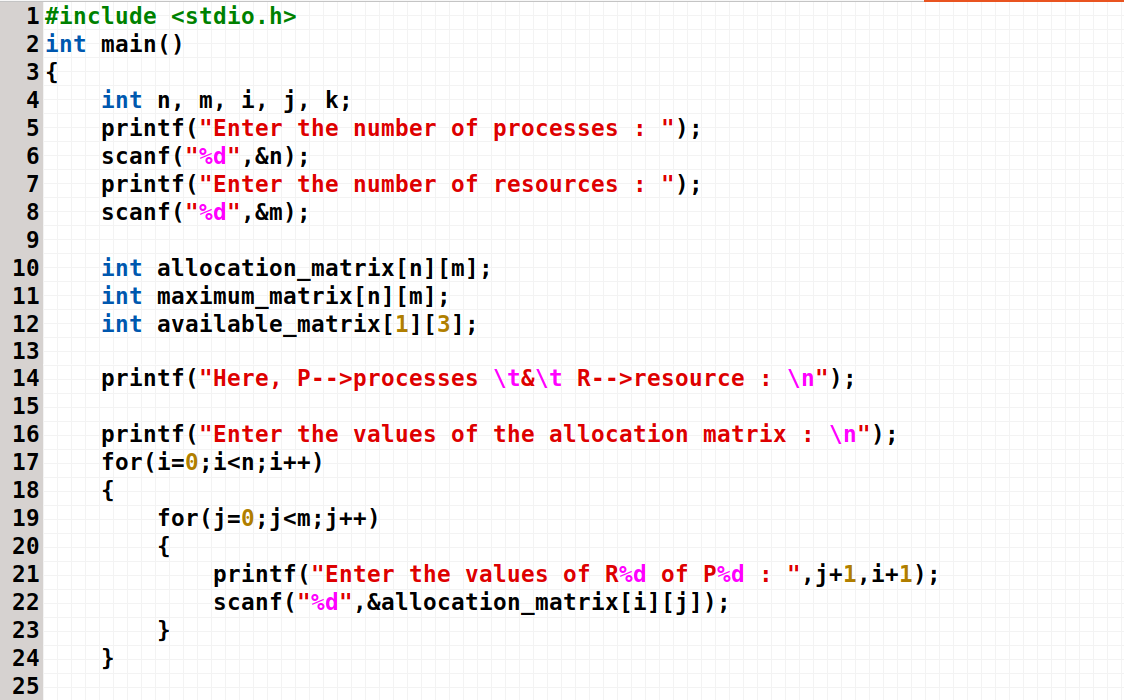
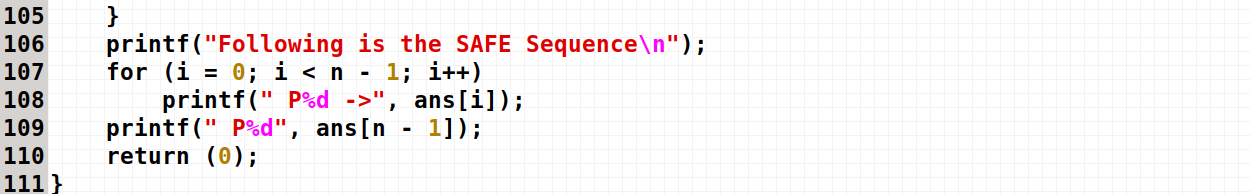
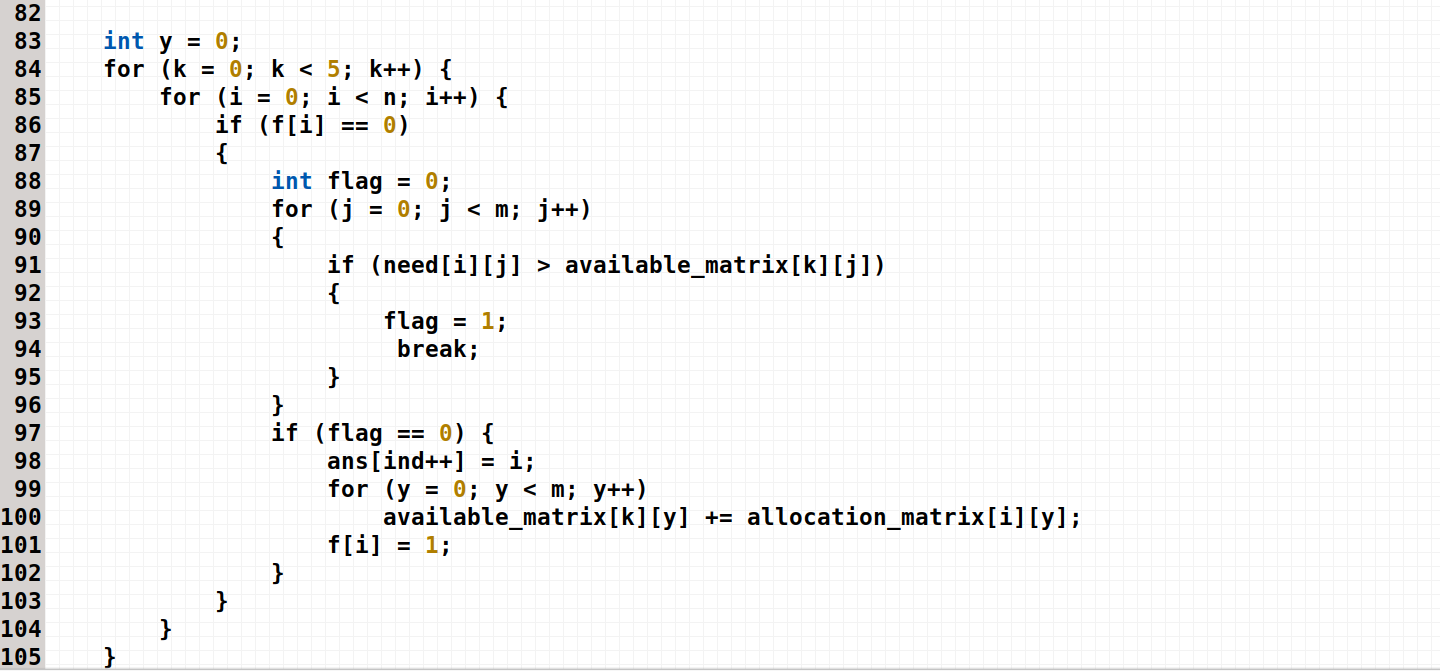
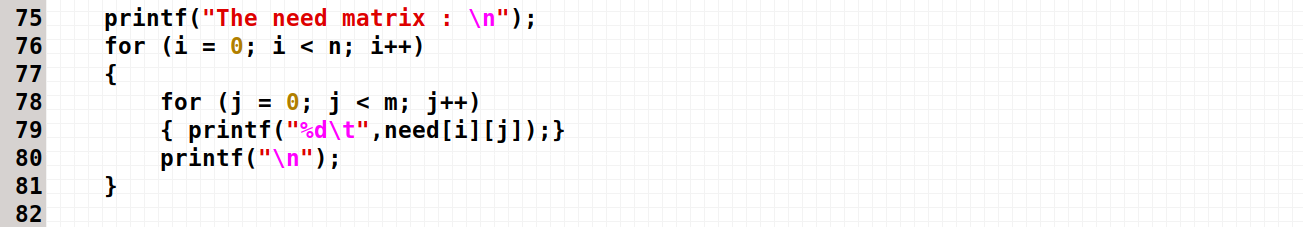
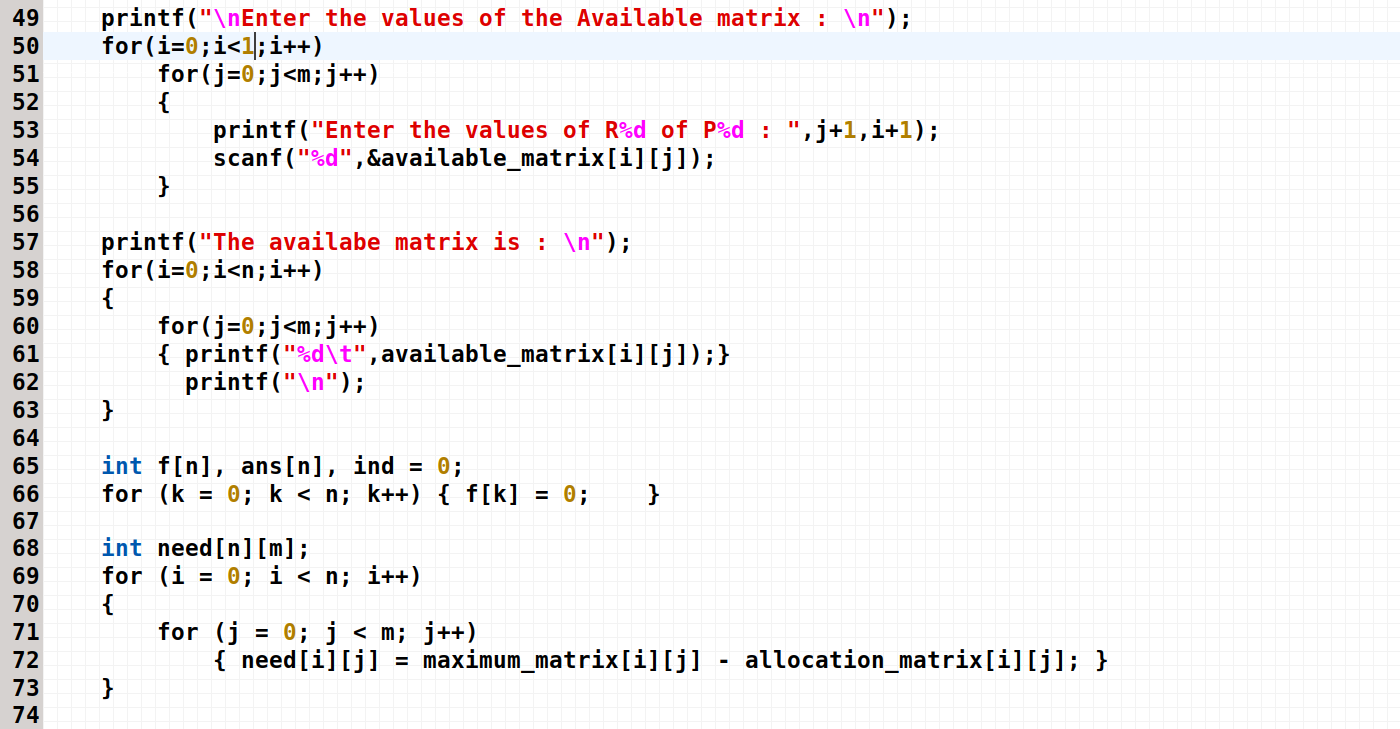
**Assignment-2 Prashanth.S(19MID0020)**

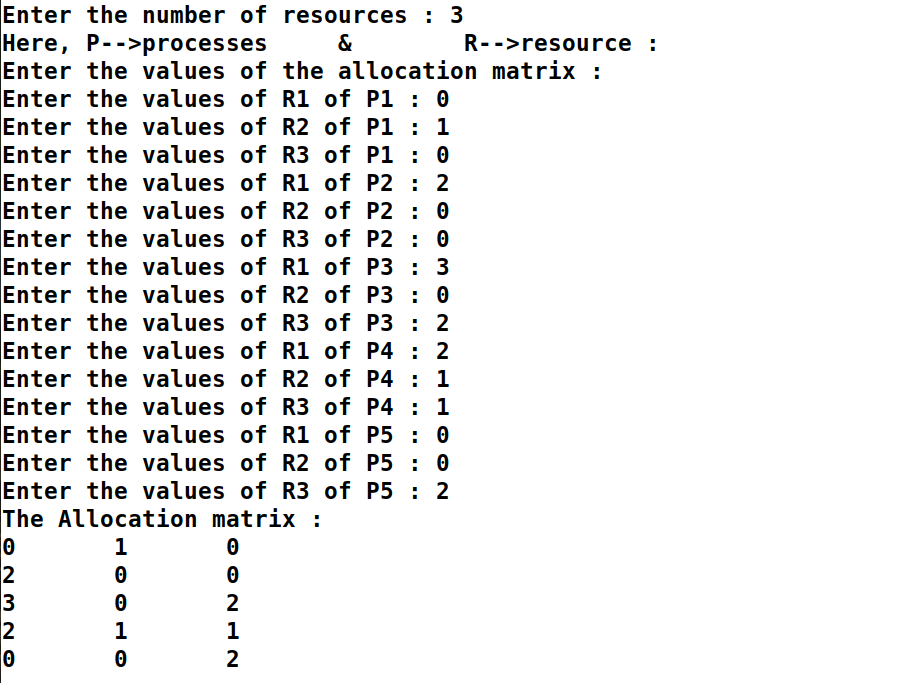
**Banker’s Algorithm**

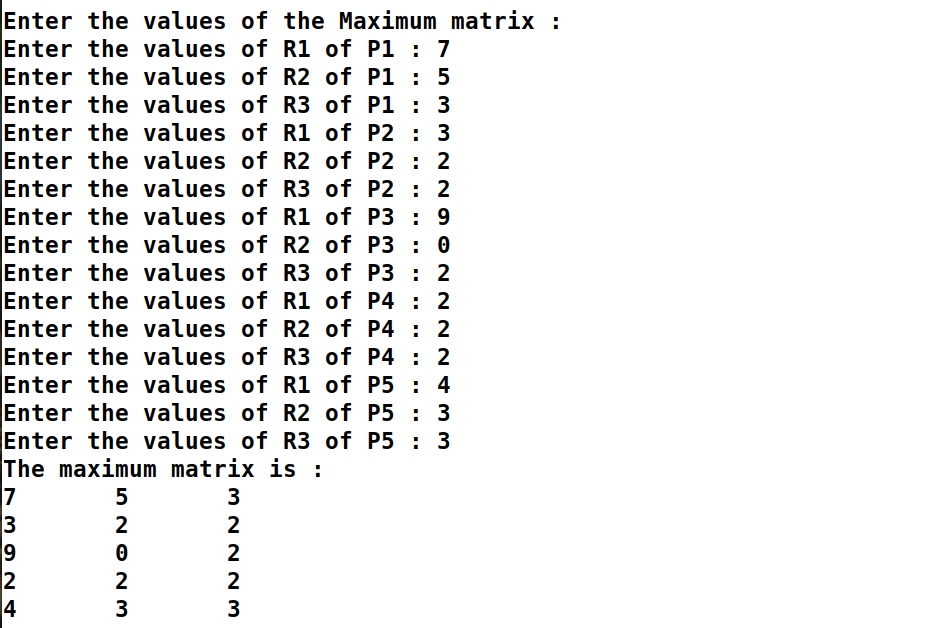
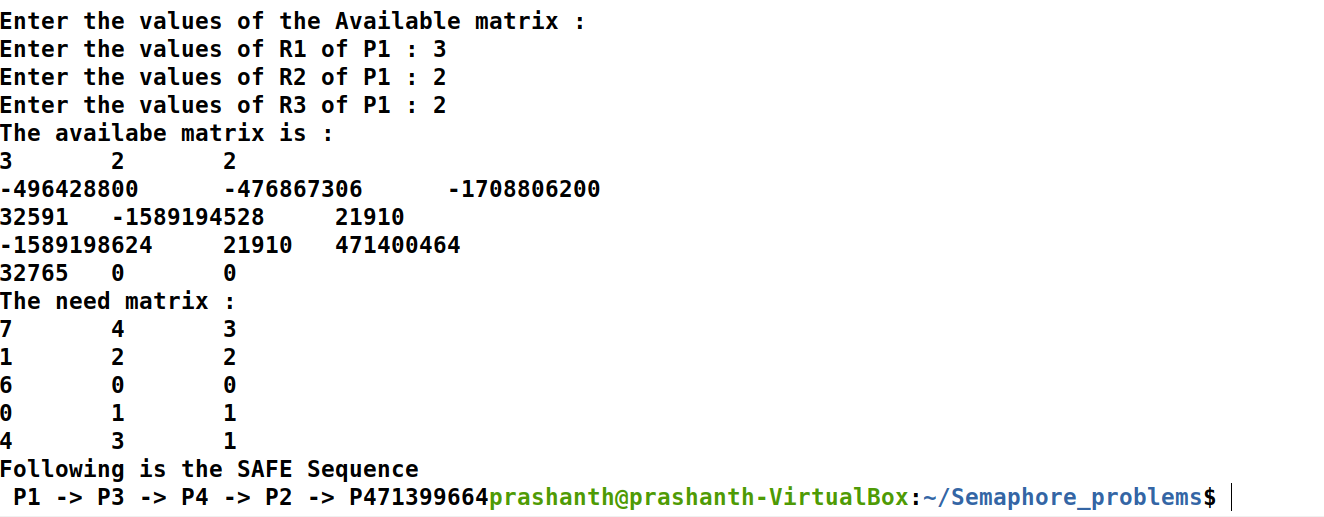
**Code:**





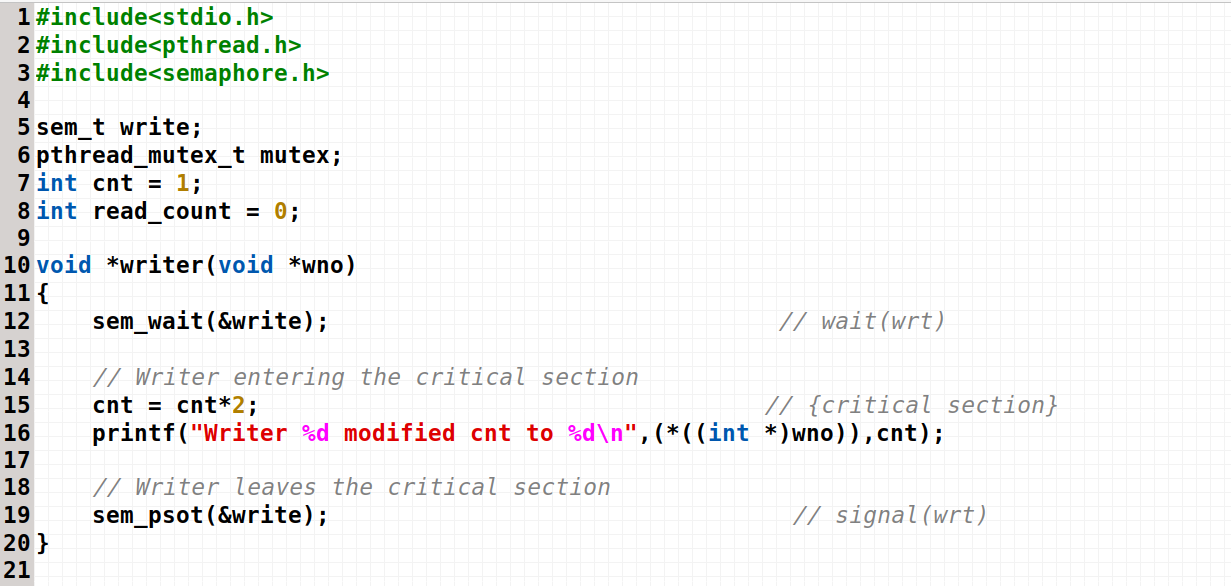
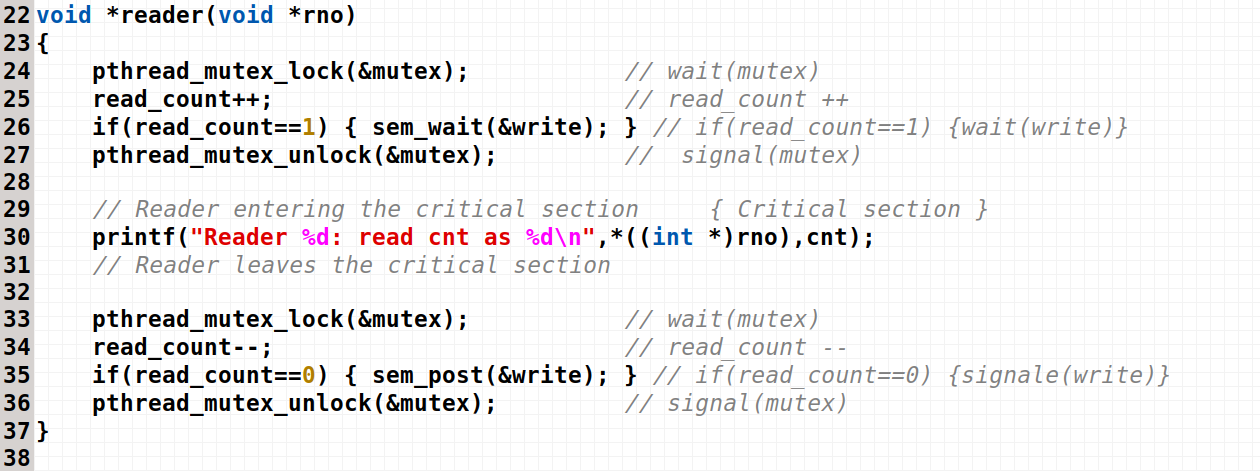
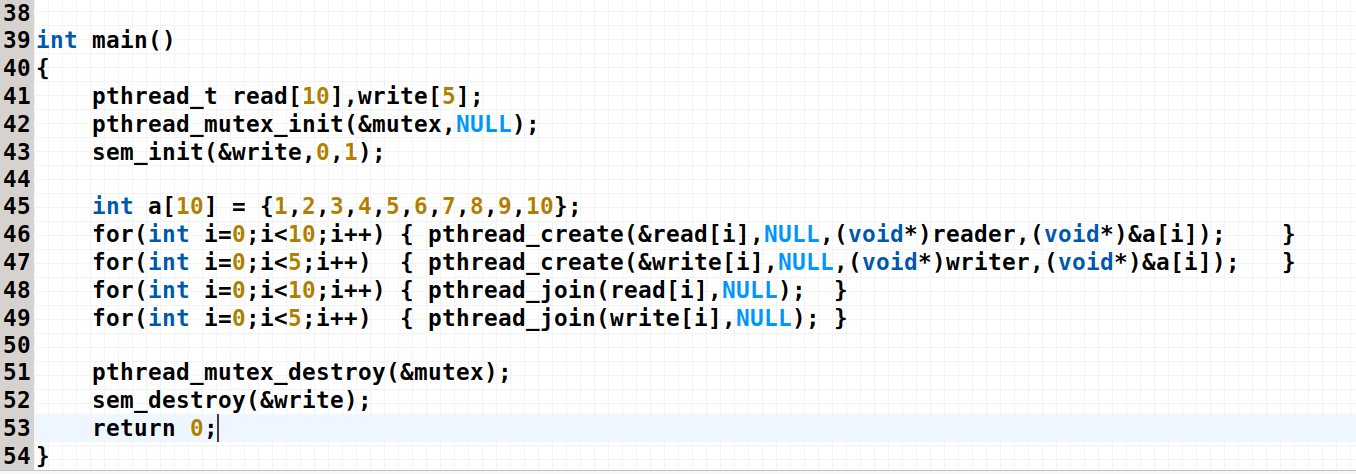
**Output:**



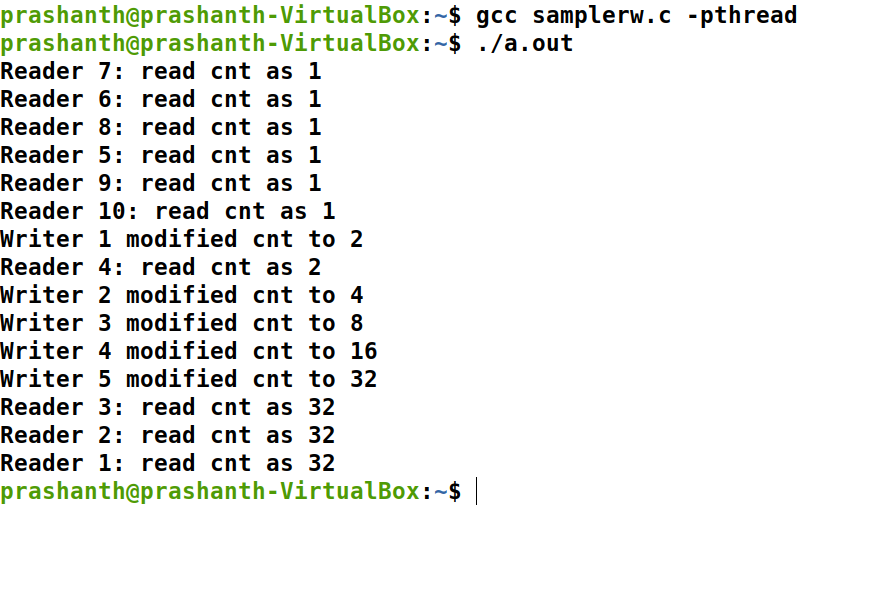
  


**Reader and Writers problem**

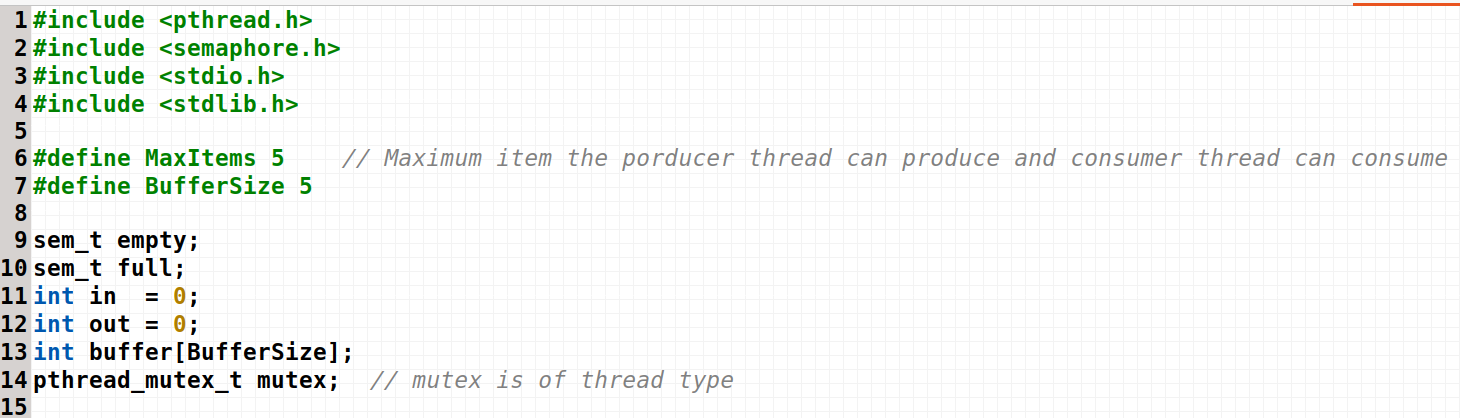
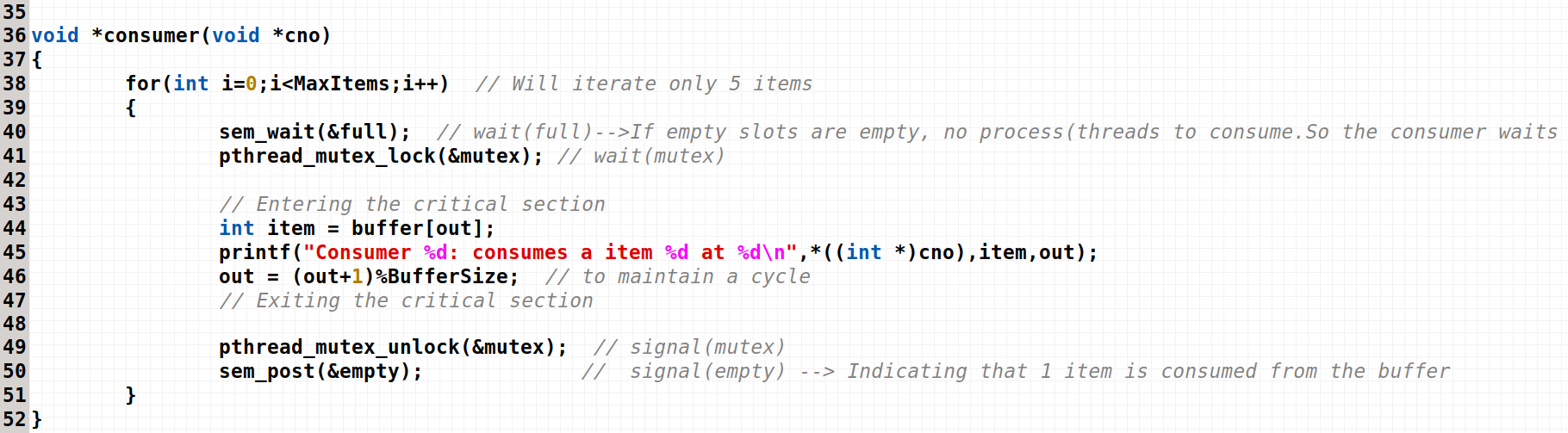
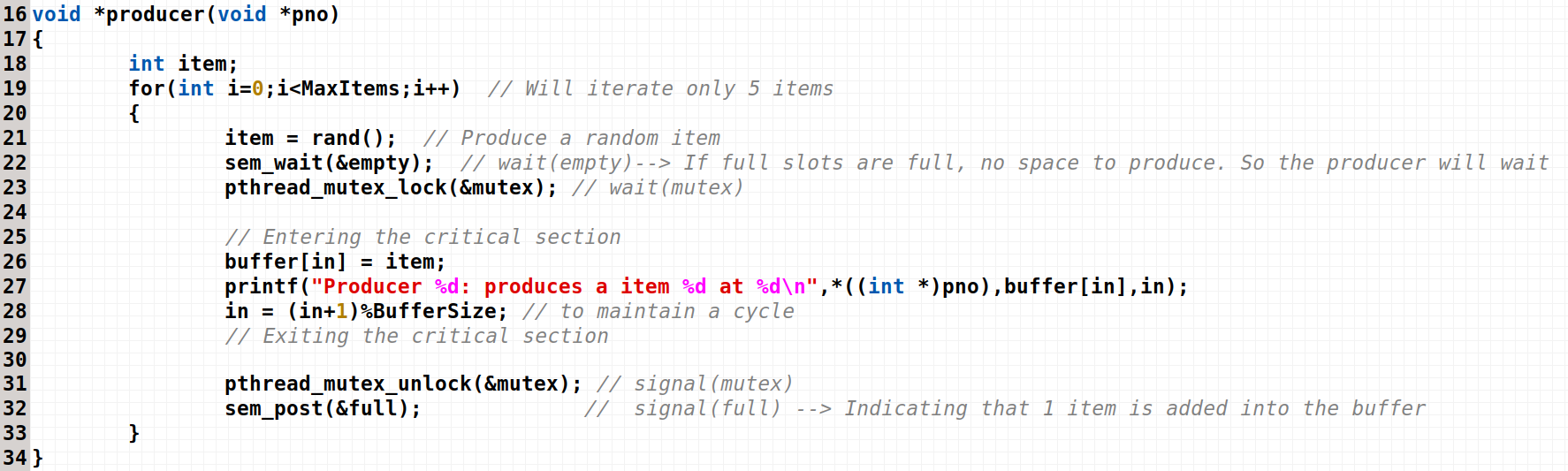
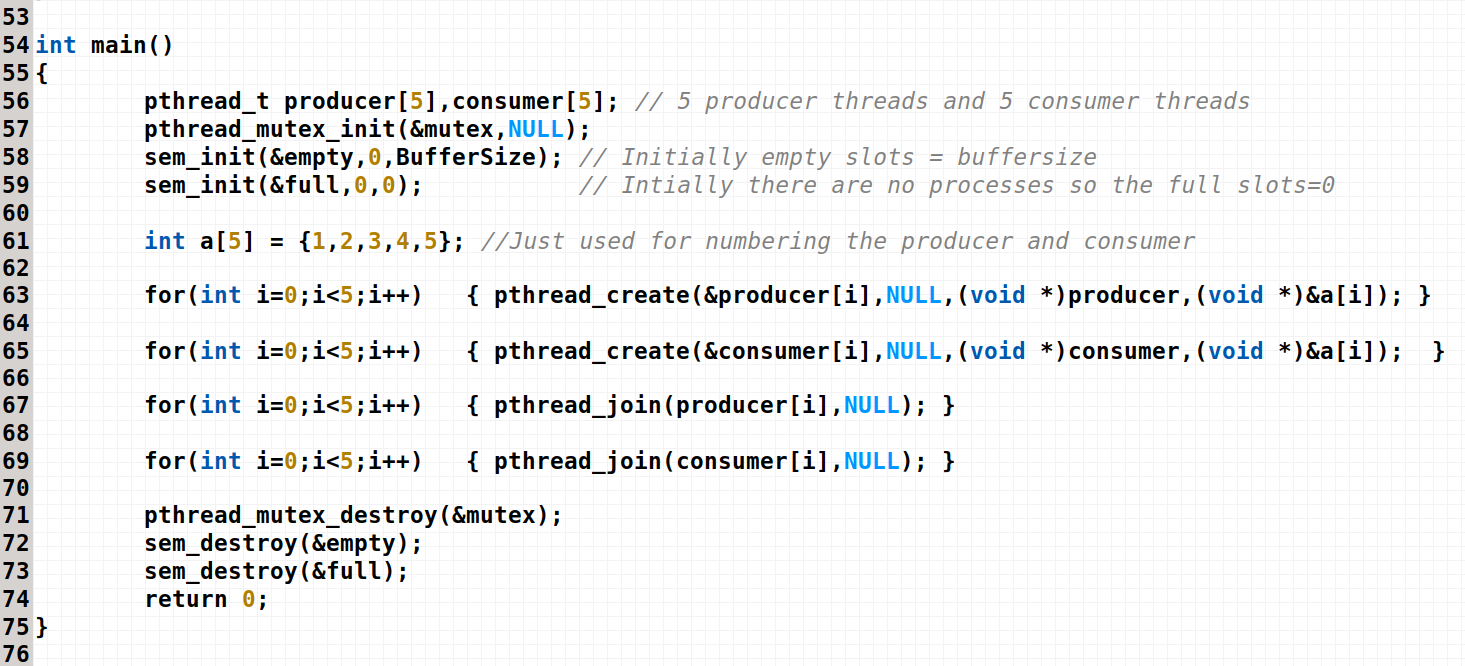
**Code :**

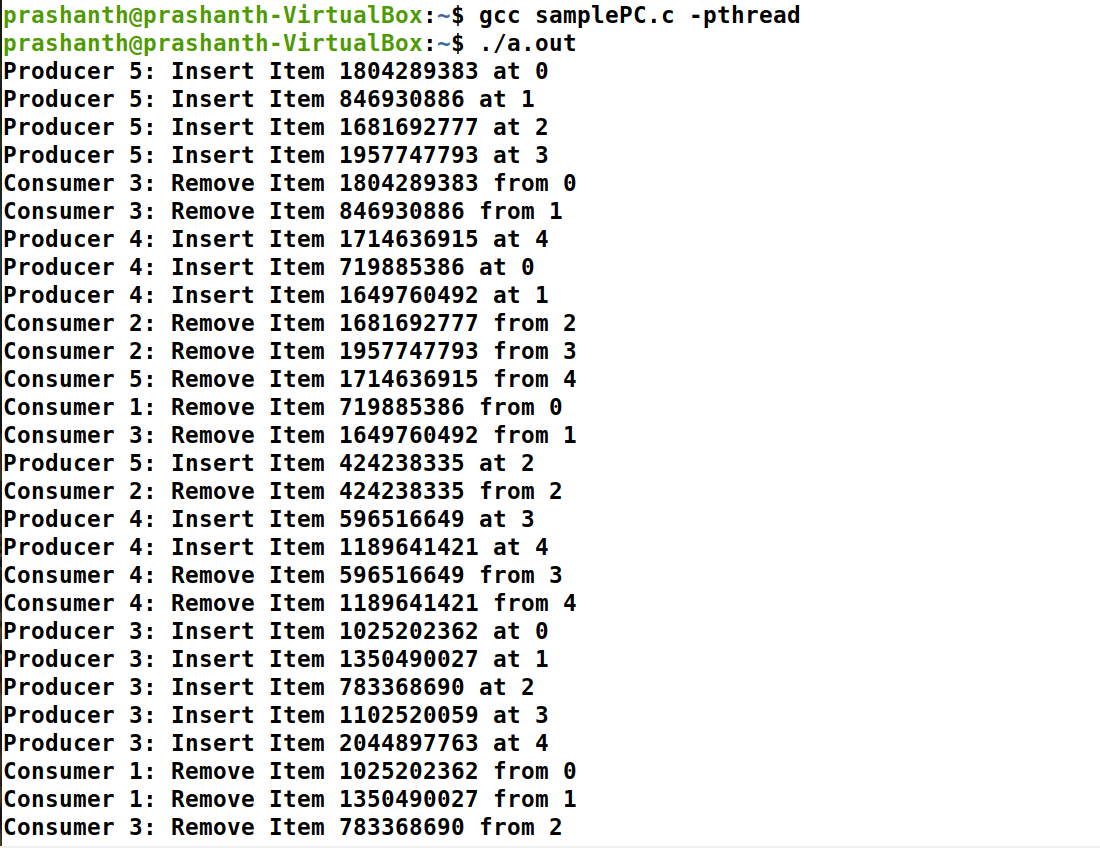
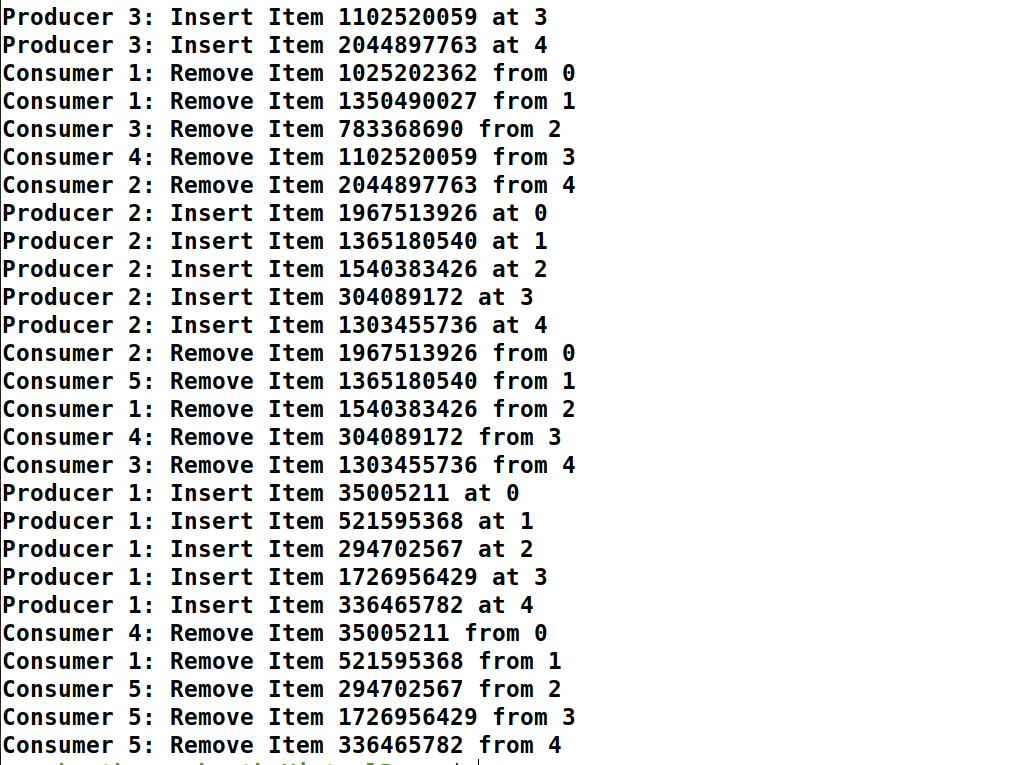
  
  


**Output:**



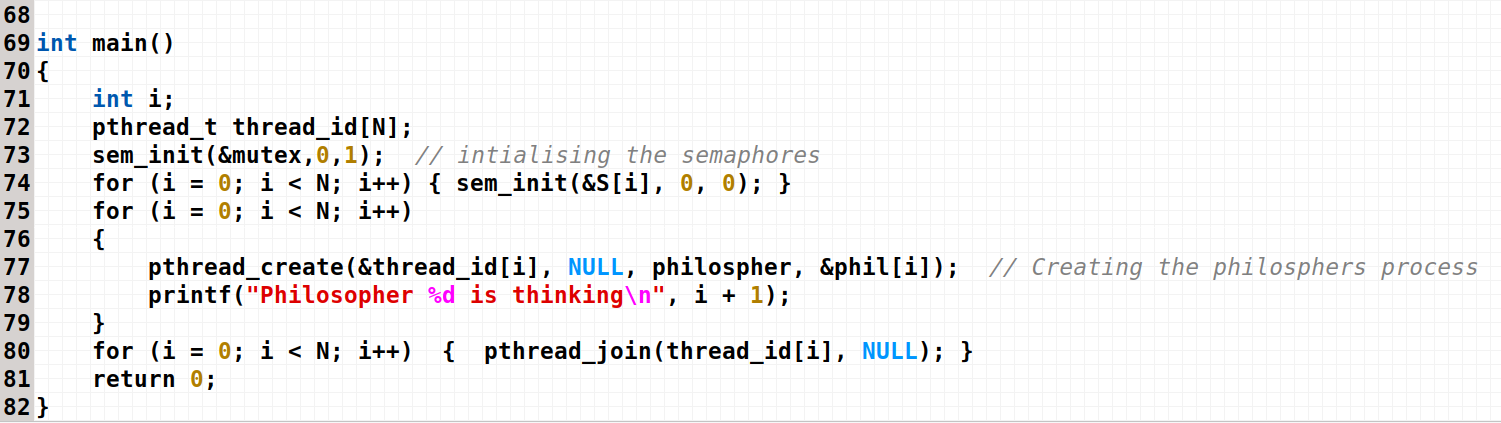
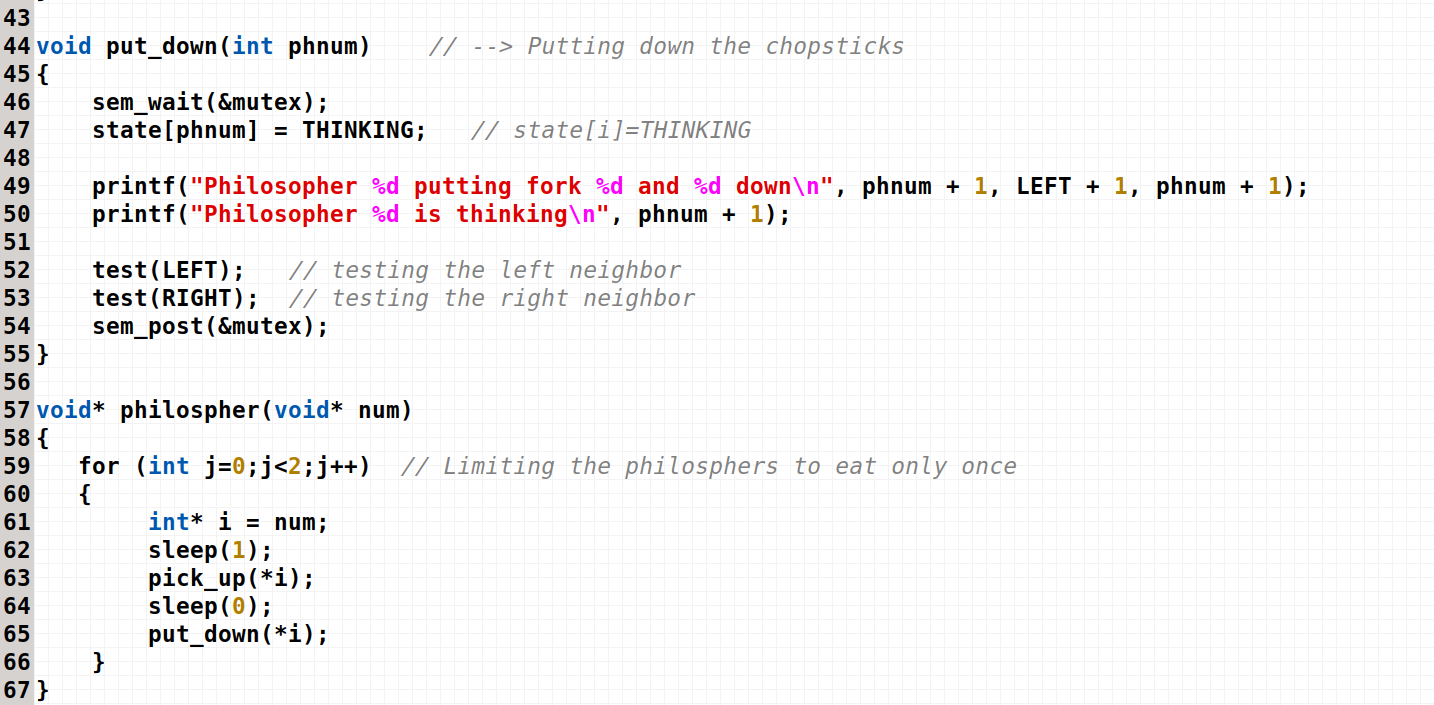
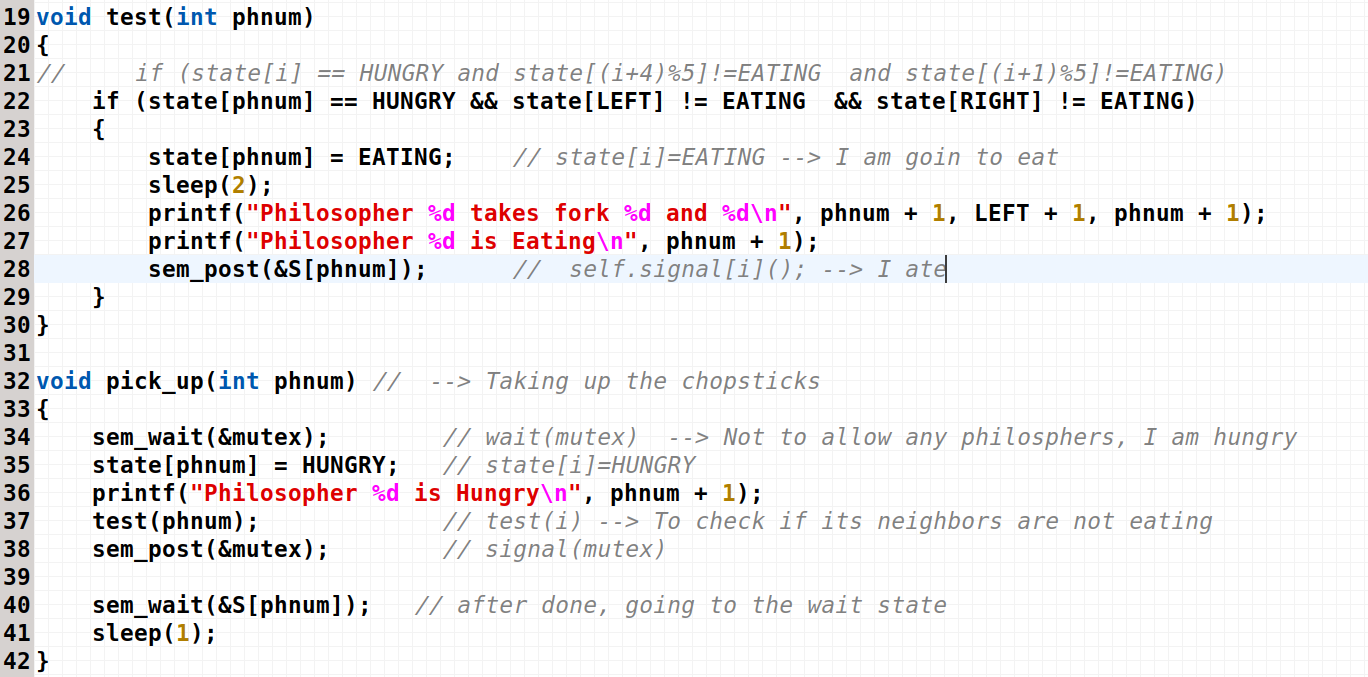
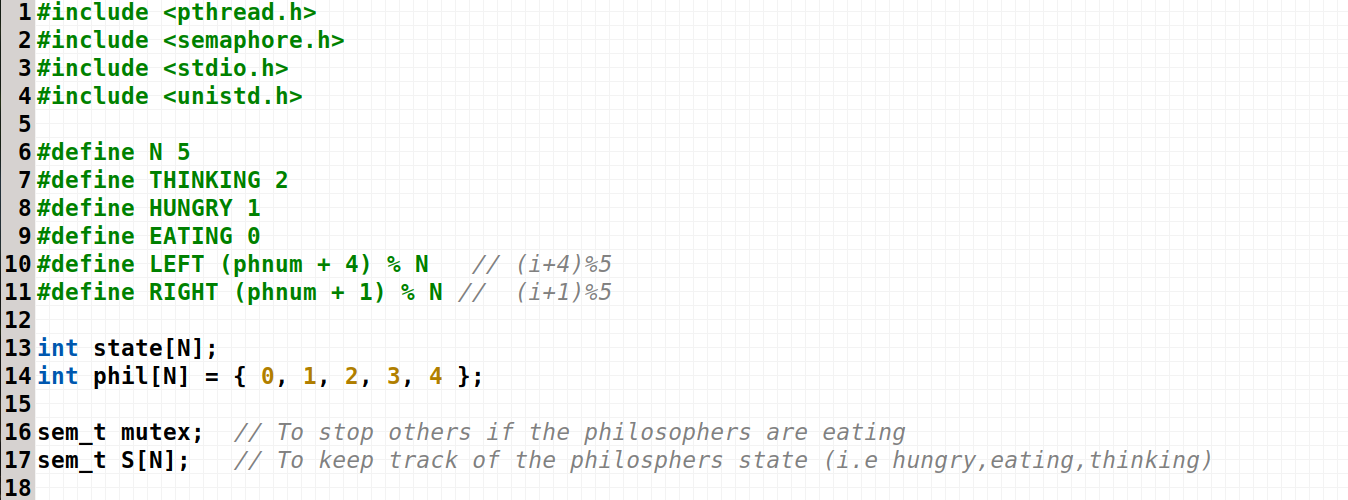
**Producer-Consumer problem**

**Output:**  


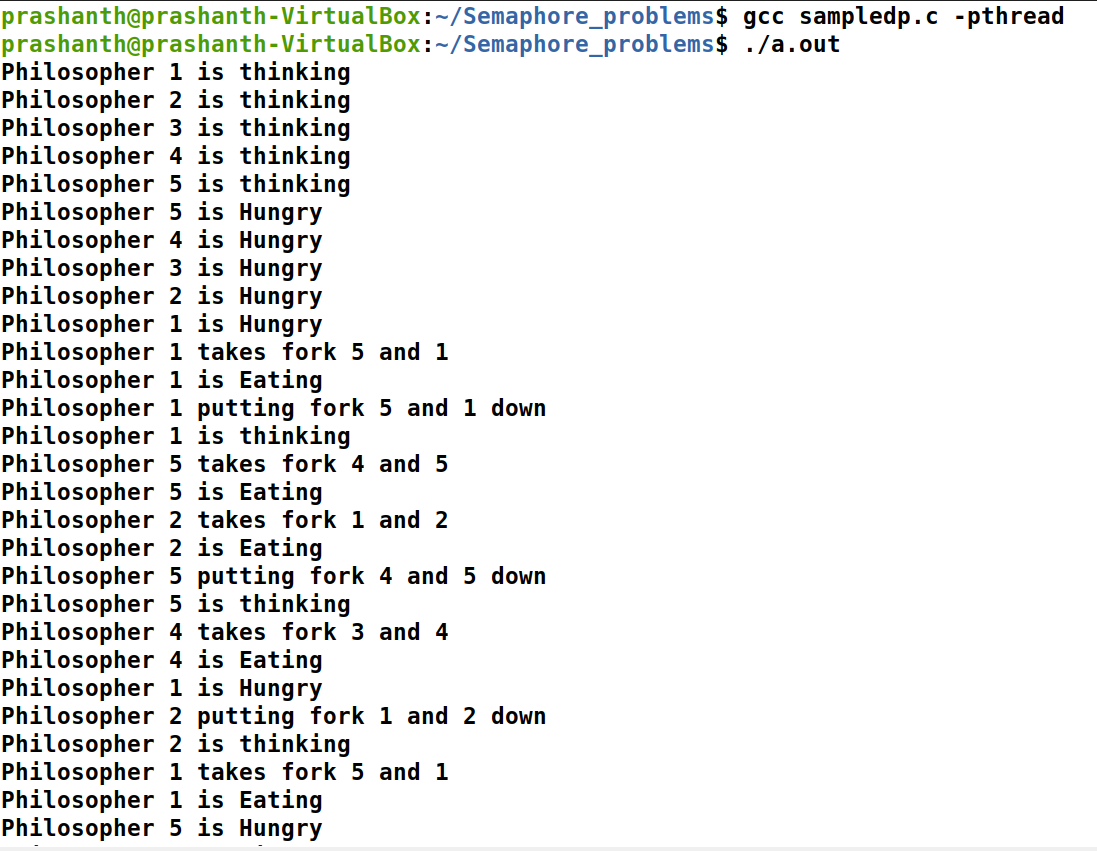
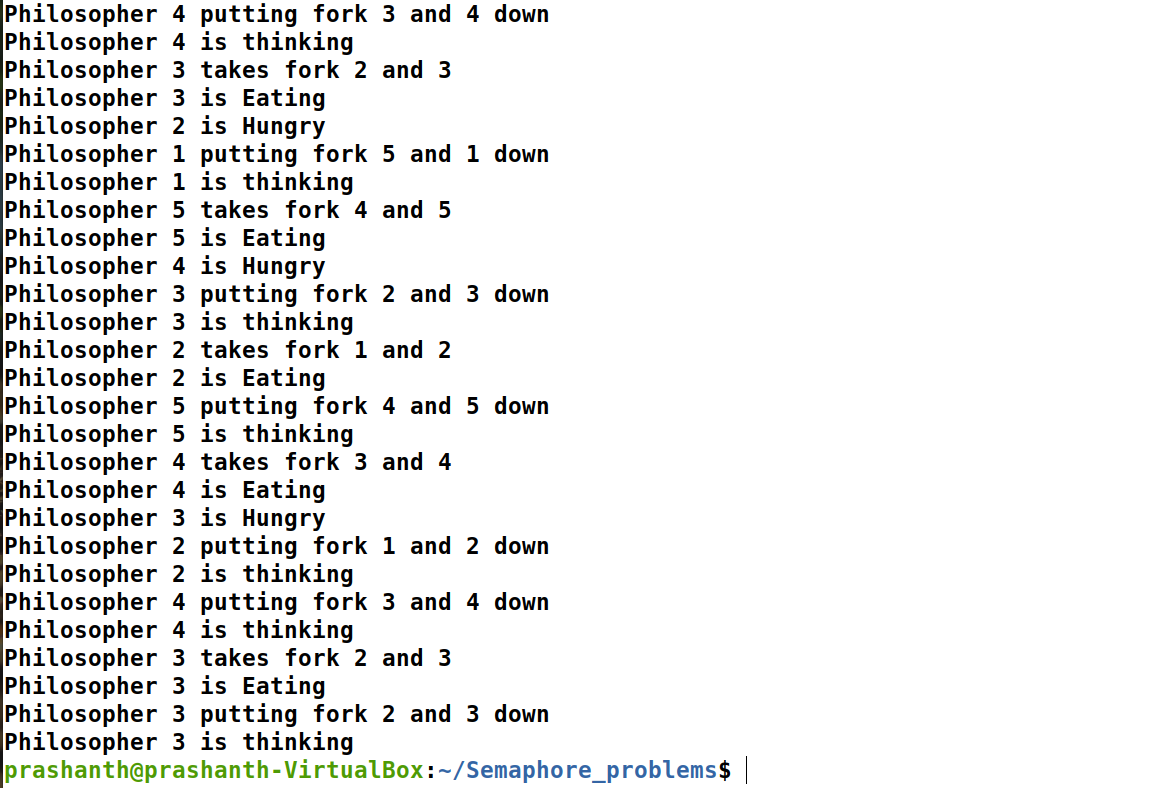
**Dining Phosphors Problem**

**Code:**





**Output:**

After changing the initial conditions 🡪 Leading to starvation

