**PRACTICAL NO : 5**

AIM: Write programs to demonstrate inter process communication (IPC) using sockets, shared memory and/or pipes/message queues

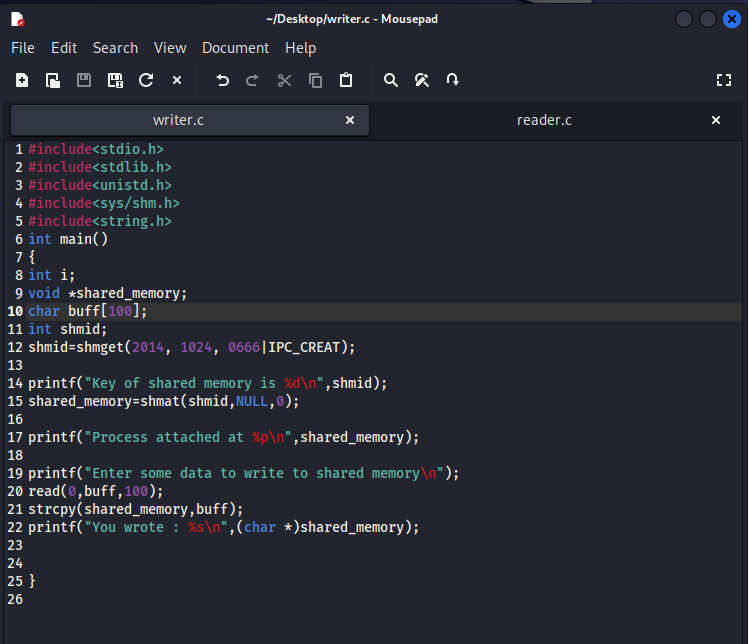
**NAME : MAITHILI LOKHANDE**

**ROLL NO. : 07**

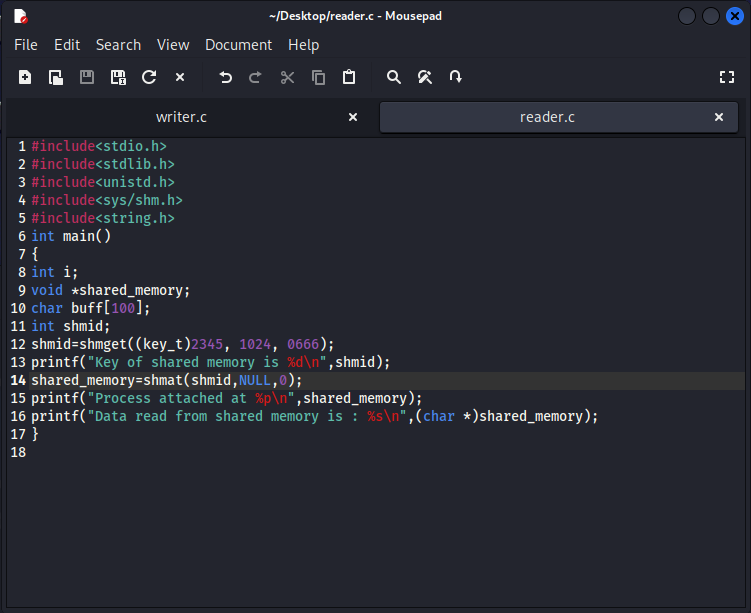
**BATCH : B1**

1. Implement reader writer problem using shared memory

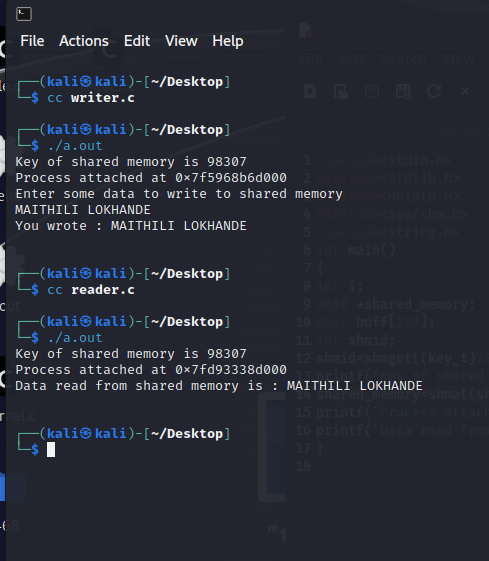
**WRITER.c**



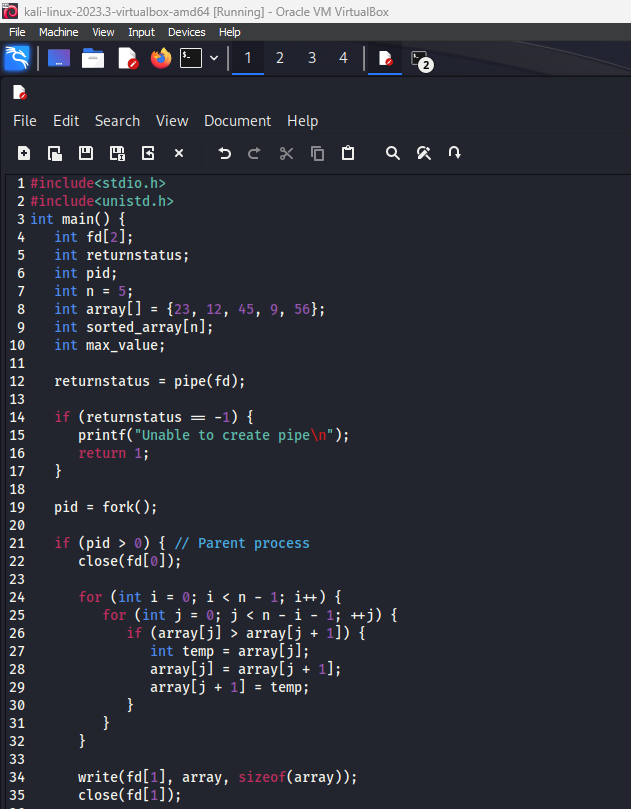
**READER.c**



**OUTPUT :**

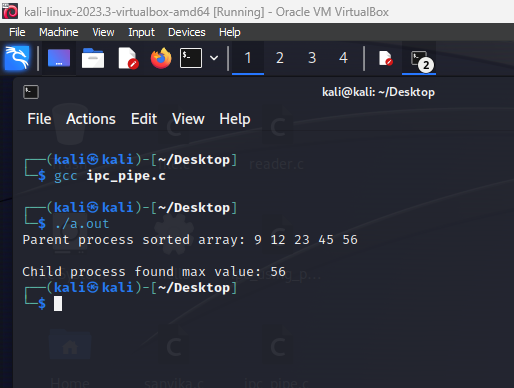


2. Implement IPC using pipe





OUTPUT :



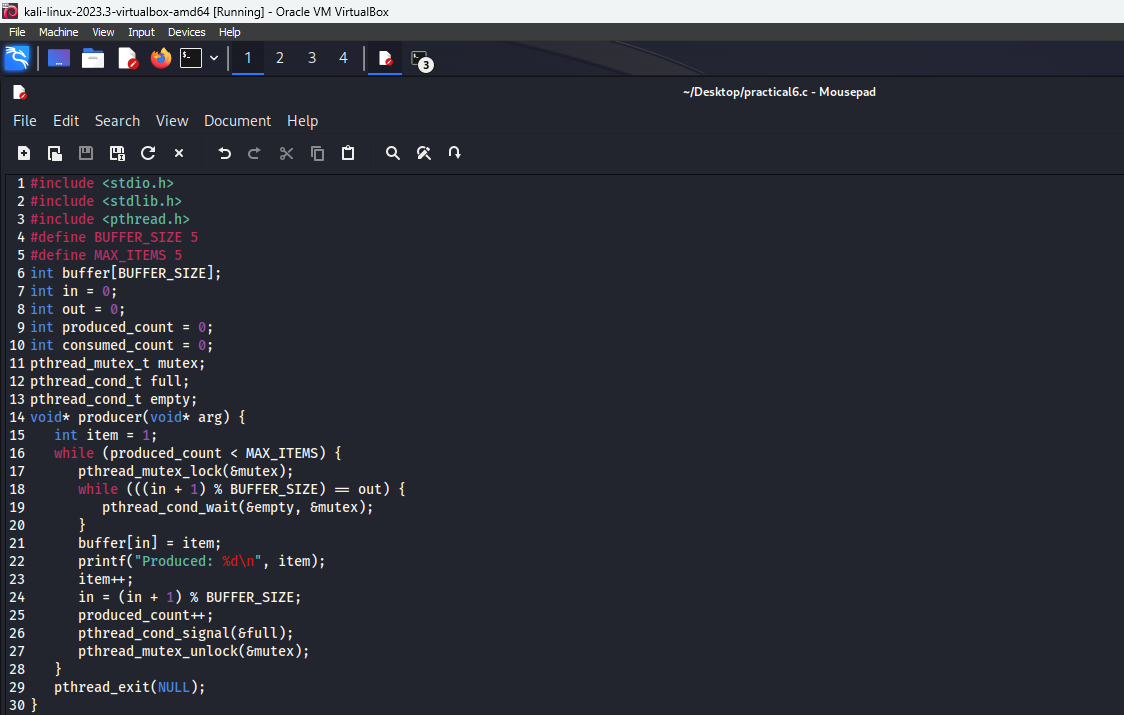
**PRACTICAL no: 6**

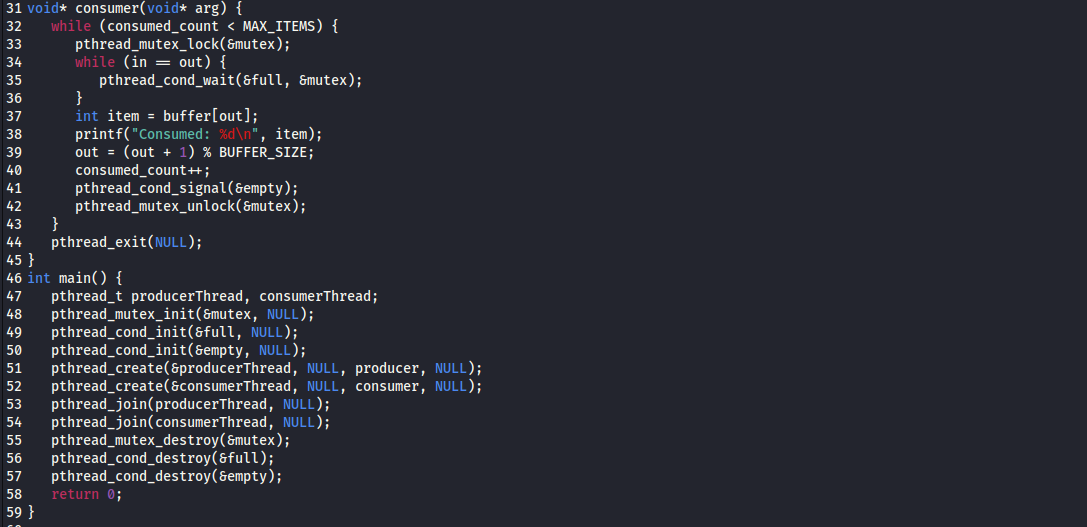
AIM: Write a program to implement Producer Consumer problem

**NAME: Maithili Lokhande**

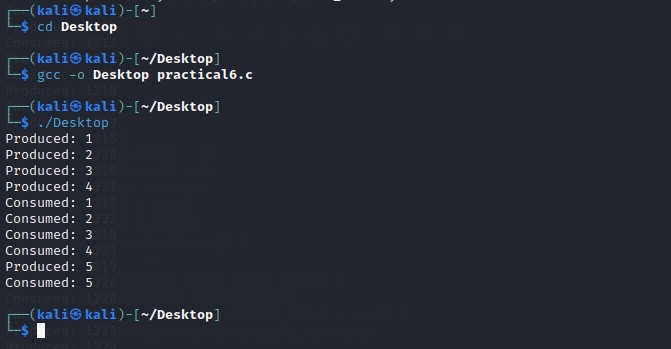
**BATCH: B1**

**ROLL NO : 07**

**CODE:** 



**OUTPUT:**



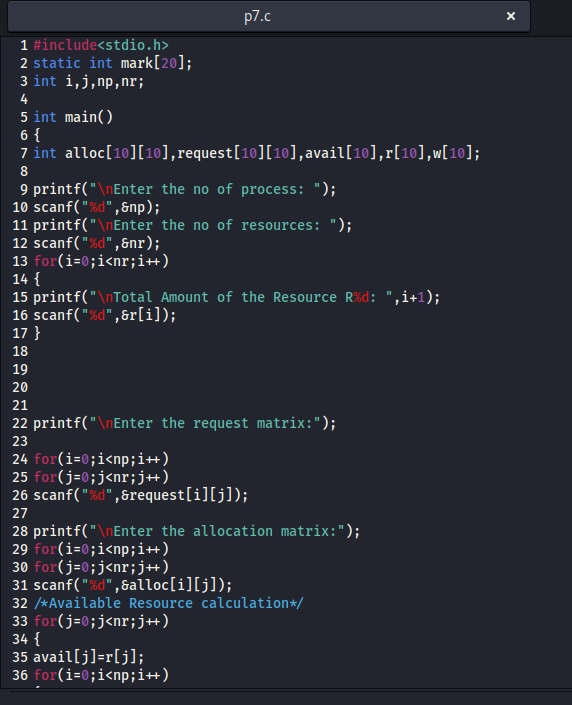
**PRACTICAL NO: 7**

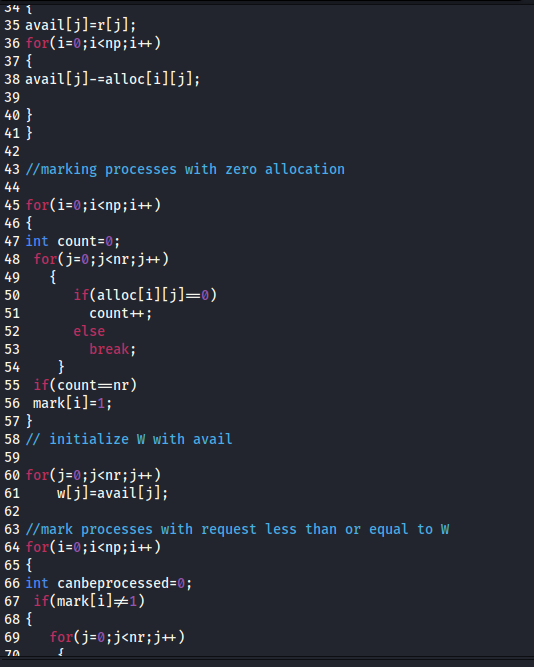
AIM: Write a program to demonstrate the deadlock detection algorithm

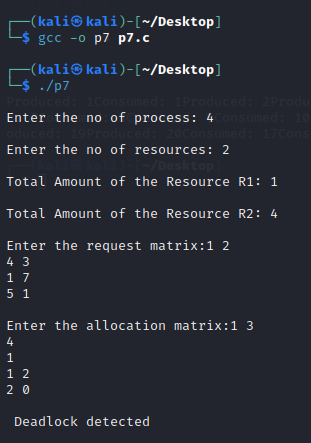
**Name : Maithili Lokhande**

**Roll no. : 07**

**Batch : B1**







**Practical no: 8**

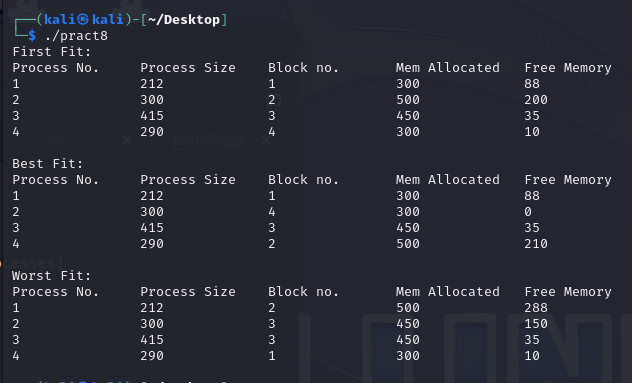
AIM: Write programs to implement different memory management schemes.

**NAME : Maithili Lokhande**

**ROLL NO : 07**

**BATCH : B1**

Output :



Code: 