*NAME:IQRA NAWAZ*

*ROLL NUMBER:DT-22005*

# LAB:05

**OUTPUT:**

```
Enter the number of readers: 4
1 reader is inside
2 Reader is leaving
2 reader is inside
2 Reader is leaving
Writer is trying to enter
Writer is trying to enter
2 reader is inside
2 Reader is leaving
Writer is trying to enter
2 reader is inside
1 Reader is leaving
Writer has entered
Writer is leaving
Writer is trying to enter
Writer has entered
Writer is leaving
Writer has entered
Writer is leaving
Writer has entered
Writer is leaving

--------------------------------
Process exited after 2.304 seconds with return value 0
Press any key to continue . . .
```