

```
PS D:\Ayush\College\Sem
V\LAB\SPOSL\SPOS_Ayush_Codes\Synchronization_Problems> python
Reader_Writer_Problem.py
Enter the number of readers: 2
Enter the number of writers: 3
Enter the number of times each reader reads: 1
Enter the number of times each writer writes: 2
Reader 0 is reading.
Reader 1 is reading.
Writer 0 is writing.
Writer 0 is writing.
Writer 1 is writing.
Writer 1 is writing.
Writer 2 is writing.
Writer 2 is writing.
```