Q.No:2

```
1. Press 1 for Producer
2. Press 2 for Consumer
3. Press 3 for Exit
Enter your choice: 1

Producer produces item 1
Enter your choice: 1

Producer produces item 2
Enter your choice: 2

Consumer consumes item 2
Enter your choice: 2

Consumer consumes item 1
Enter your choice: 2
Buffer is empty!
Enter your choice: 3
```