```
bhushan@bhushan-HP-Pavilion-g6-Notebook-PC:~/Desktop$ ./a.out

producer created successfully
producing..
item produced : 1
item produced : 2
item produced : 3
item produced : 4
consuming..
item produced : 5
item produced : 6
item produced : 7
item produced : 8
item produced : 9
item produced : 10
consumer created successfully
item consumed : 10
producing..
item produced : 11
item consumed : 11
producing..
item produced : 12
item consumed : 12
producing..
item produced : 13
item consumed : 13
producing..
item produced : 14
item consumed : 14
producing..
item produced : 15
item consumed : 15
producing..
item produced : 16
item consumed : 16
producing..
item produced : 17
item consumed : 17
producing..
item produced : 18
item consumed : 18
producing..
item produced : 19
item consumed : 19
producing..
item produced : 20
item consumed : 20
producing..
item produced : 21
item consumed : 21
producing..
item produced : 22
item consumed : 22
producing..
item produced : 23
item consumed : 23
producing..
item produced : 24
item consumed : 24
producing..
item produced : 25
item consumed : 25
```