

```
ncер@ncер-ThinkCentre-M70s:~/Desktop/Exp No 06$ gcc --version
gcc (Ubuntu 11.4.0-1ubuntu1~22.04) 11.4.0
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ncер@ncер-ThinkCentre-M70s:~/Desktop/Exp No 06$ gedit ExpNo06.c
ncер@ncер-ThinkCentre-M70s:~/Desktop/Exp No 06$ ./ExpNo06
bash: ./ExpNo06: No such file or directory
ncер@ncер-ThinkCentre-M70s:~/Desktop/Exp No 06$ gcc -o ExpNo06 ExpNo06.c
ncер@ncер-ThinkCentre-M70s:~/Desktop/Exp No 06$ ./ExpNo06

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
ncер@ncер-ThinkCentre-M70s:~/Desktop/Exp No 06$
```