


PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

- **4ITA2@debian:~/ARPIT\_240911630/Lab6\$** date  
Thu Feb 19 14:55:38 IST 2026
- **4ITA2@debian:~/ARPIT\_240911630/Lab6\$** echo "Arpit"  
Arpit
- **4ITA2@debian:~/ARPIT\_240911630/Lab6\$** gcc Lab6\_q1.c -o Lab6
- **4ITA2@debian:~/ARPIT\_240911630/Lab6\$** ./Lab6  
Received: 121  
Palindrome
- **4ITA2@debian:~/ARPIT\_240911630/Lab6\$** 

```
● 4ITA2@debian:~/ARPIT_240911630/Lab6$ date
Thu Feb 19 15:06:04 IST 2026
● 4ITA2@debian:~/ARPIT_240911630/Lab6$ echo "Arpit"
Arpit
● 4ITA2@debian:~/ARPIT_240911630/Lab6$ gcc Lab6_q2.c -o q2
● 4ITA2@debian:~/ARPIT_240911630/Lab6$ ./q2
Consumer received: 10 20 30 40
○ 4ITA2@debian:~/ARPIT_240911630/Lab6$
```

PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
● 4ITA2@debian:~/ARPIT_240911630/Lab6$ date
Thu Feb 19 15:00:38 IST 2026
● 4ITA2@debian:~/ARPIT_240911630/Lab6$ echo "Arpit"
Arpit
● 4ITA2@debian:~/ARPIT_240911630/Lab6$ gcc Lab6_q3.c -o q3
● 4ITA2@debian:~/ARPIT_240911630/Lab6$ ./q3
Child replied: B
○ 4ITA2@debian:~/ARPIT_240911630/Lab6$
```

PROBLEMS **1** OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
4ITA2@debian:~/ARPIT_240911630/Lab6$ date
Thu Feb 19 15:03:18 IST 2026
4ITA2@debian:~/ARPIT_240911630/Lab6$ echo "Arpit"
Arpit
4ITA2@debian:~/ARPIT_240911630/Lab6$ gcc Lab6_q4.c -o q4
4ITA2@debian:~/ARPIT_240911630/Lab6$ ./q4
4ITA2@debian:~/ARPIT_240911630/Lab6$ Consumer read: Hello IPC Shared Memory
```