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18CS01057

Assignment - 7 Solution

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yashwin@YASHWIN-ENAMADI:/mnt/c/ubuntu/OS_lab/24.11.2020$ gcc -o readers_writers readers_writers.c -pthread -lrt
yashwin@YASHWIN-ENAMADI:/mnt/c/ubuntu/OS_lab/24.11.2020$ ./readers_writers
The writer started...
The writer completed...
Reader1 started...
Reader4 started...
Reader5 started...
Reader3 started...
Reader2 started...
Reader1 completed...
Reader2 completed...
Reader3 completed...
Reader4 completed...
Reader5 completed...
The writer started...
The writer completed...
Reader1 started...
Reader4 started...
Reader2 started...
Reader3 started...
Reader5 started...
Reader2 completed...
Reader4 completed...
Reader1 completed...
Reader3 completed...
Reader5 completed...
The writer started...
The writer completed...
Reader2 started...
Reader1 started...
Reader3 started...
Reader4 started...
Reader5 started...
Reader2 completed...
Reader4 completed...
Reader3 completed...
Reader1 completed...
Reader5 completed...
yashwin@YASHWIN-ENAMADI:/mnt/c/ubuntu/OS_lab/24.11.2020$
```

Compilation : gcc -o readers_writers readers_writers.c -pthread -lrt

Execution : ./readers_writers