EXPERIMENT 8:

IMPLEMENT FIRST READERS WRITERS PROBLEM (USING THREADS AND SHARED MEMORY)

PROGRAM

1. Compile the code:

gcc first rw prob.c -pthread -o first rw

```
n00b@ubuntu:~/NetworkingLab/EXP_8$ gcc first_rw_prob.c -pthread -o first_rw n00b@ubuntu:~/NetworkingLab/EXP_8$
```

- 2. Run the program
 - a. No Reader and Writer

```
n00b@ubuntu:~/NetworkingLab/EXP_8$ ./first_rw
Number of READERS : 0
Number of WRITERS : 0
NO READERS OR WRITERS
n00b@ubuntu:~/NetworkingLab/EXP_8$
```

b. No reader but writer is present

c. No writer but reader is present

d. Both readers and writers are present