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Share Run
 main.c
                                                                                                               Output
 1 #include <stdio.h>
                                                                                                              Writer: Enter some text to share: Reader: Received data from shared memory:
2 #include <stdlib.h>
 3 #include <string.h>
4 #include <sys/ipc.h>
5 #include <sys/shm.h>
 6 #include <sys/types.h>
 7 #include <unistd.h>
 8 #include <sys/wait.h>
 9 #define SHM_KEY 12345
 10 #define SHM_SIZE 1024
 11 - void writer() {
 12
       int shm_id;
      char *shm_ptr;

shm_id = shmget(SHM_KEY, SHM_SIZE, IPC_CREAT | 0666);

if (shm_id < 0) {
 13
 14
 15 -
         perror("shmget failed");
exit(1);}
 16
 17
 perror("shmat failed");
 21
 22
         printf("Writer: Enter some text to share: ");
 23
         fgets(shm_ptr, SHM_SIZE, stdin);
         if (shmdt(shm_ptr) < 0) {
    perror("shmdt failed");</pre>
 24 -
 25
 26
             exit(1);}}
 27 - void reader() {
        int shm_id;
 28
         char *shm_ptr;
 29
      shm_id = shmget(SHM_KEY, SHM_SIZE, 0666);
if (shm_id < 0) {</pre>
 30
```

