

```

const char *mylock = "/tmp/LCK.test2";

void sigint(int signo){
    if ( unlink(mylock) == 0 ) puts("Quit. Lock released.");
    exit(EXIT_SUCCESS);
}

int main() {
    int fd;

    signal(SIGINT,sigint);

    for(;;){
        while( (fd = open(mylock, O_RDWR | O_CREAT | O_EXCL, 0444)) != -1 ) {
            printf("Process(%d) - Working in critical region...\n", getpid());
            sleep(2);           /* working */
            close(fd);
            if ( unlink(mylock) == 0 ) puts("Done.\nResource unlocked.");
            sleep(3);           /* non-critical region */
        }
        printf("Process(%d) - Waiting for lock...\n", getpid());
    }
    exit(EXIT_SUCCESS);
}

```

☹ sigint() is too crude to be reliable. Need a more sophisticated design.