

```
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);  
}
```