

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

```
int main() {
```

```
    int fd;
```

```
    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);
```

```
}
```