```c
#include <unistd.h>
#include <stdlib.h>
#include <stdio.h>
#include <fcntl.h>
#include <errno.h>

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);
}
```