```
specific_task();
specific_task();
mutex.wait();
                              mutex.wait();
   count++:
                                  count++:
mutex.signal();
                              mutex.signal();
if (count < n)
                            5 if (count == n)
   barrier.wait();
                                  barrier.signal();
barrier.signal();
                              barrier.wait():
critical_point();
                              critical_point();
```