```
int interest[0] = 0;
             int interest[1] = 0;
             3 int turn;
P0
                            Р1
1 interest[0] = 1;
                            1 interest[1] = 1;
  turn = 1;
                            2 turn = 0:
3 while(interest[1] == 1 3 while(interest[0] == 1
             && turn == 1):
                                         && turn == 0);
  critical_section();
                            5 critical_section();
6 | interest[0] = 0;
                            6 | interest[1] = 0;
```