

```
1  int interest[0] = 0;
2  int interest[1] = 0;
3  int turn;
```

**P0**

```
1  interest[0] = 1;
2  turn = 1;
3  while(interest[1] == 1
4         && turn == 1);
5  critical_section();
6  interest[0] = 0;
```

**P1**

```
1  interest[1] = 1;
2  turn = 0;
3  while(interest[0] == 1
4         && turn == 0);
5  critical_section();
6  interest[1] = 0;
```