Mutual Exclusion With Busy Waiting

Strict Alternation

```
1  while(TRUE){
2    while(turn != 0);
3    critical_region();
4    turn = 1;
5    noncritical_region();
6  }
```

```
1  while(TRUE){
2    while(turn != 1);
3    critical_region();
4    turn = 0;
5    noncritical_region();
6  }
```

Problem: violates condition-2

▶ One process can be blocked by another not in its critical region.

▶ Requires the two processes strictly alternate in entering their critical region.