```
bool in1 = false, in2 = false;
int last = 1;

process CS1 {
  while (true) {
    last = 1; in1 = true;     /* entry protocol */
    while (in2 and last == 1) skip;
    critical section;
    in1 = false;              /* exit protocol */
    noncritical section;
  }
}

process CS2 {
  while (true) {
    last = 2; in2 = true;     /* entry protocol */
    while (in1 and last == 2) skip;
    critical section;
    in2 = false;              /* exit protocol */
    noncritical section;
  }
}
```

Figure 3.6 Two-process tie-breaker algorithm: Fine-grained solution.

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