```
bool lock = false;              /* shared lock */
process CS[i = 1 to n] {
  while (true) {
    while (lock) skip;          /* entry protocol */
    while (TS(lock)) {
      while (lock) skip;
    }
    critical section;
    lock = false;               /* exit protocol  */
    noncritical section;
  }
}
```

Figure 3.4 Critical sections using Test and Test and Set.

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