

Processus P1

Processus P2

Scénario

```
lock = false;
```

```
b = false;  
lock = true;  
return false;
```

```
while /* Passant */  
    /* Section Critique */
```

```
lock = false;
```

```
b = true;  
lock = true;  
return true;
```

```
while /* Bloquant */
```

```
graph LR
    subgraph P1 [Processus P1]
        L1[lock = false;]
        subgraph SC1 [/* Section Critique */]
            B1[b = false;]
            L2[lock = true;]
            R1[return false;]
        end
        W1[while /* Passant */]
        L3[lock = false;]
    end
    subgraph P2 [Processus P2]
        B2[b = true;]
        L4[lock = true;]
        R2[return true;]
        W2[while /* Bloquant */]
    end
    W1 --> SC1
    SC1 --> B2
    L3 --> SC1
```