

```
sema - available initially
for process 1 and 2
0 : while(true){
1 :   //Non - critical section
2 :   Request(sema)
3 :   //Critical section
4 :   Release(sema)
5 : }

Request(sema){
  while(True){
    if(sema  $\stackrel{\Delta}{=}$  available){
      sema = busy;
      break;
    }
  }
}

//if statement till break is atomic
Release(sema){
  sema = available
}
```

```
\ * Modification History
\ * Last modified Fri Feb 02 11:38:44 IST 2024 by neerajkrishnan
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