

## PROGRAM

### Program A

load        X, register1  
increment   register1  
store       register1, X

### Program B

load        X, register1  
decrement   register1  
store       register1, X

Initially X is 5

## EXECUTION

### Process A

load        X, register1  
increment   register1

### Process B

load        X, register1  
decrement   register1  
store       register1, X

\*\*\* INTERRUPT \*\*\*

store       register1, X