

### Smart Contract Variables (2 nodes):

2 shared resource variables(int):  $x_1, x_2$

2 indicator flags(binary):  $f_1, f_2$

1 result variable:  $\lambda$

Initial state of the variables in the smart contract:

$x_1 = x_2 = 0$

$f_1 = f_2 = 0$

$\lambda = 0$

These variables can be changed when the contract is called by one of the nodes

