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Lab Program - 10

Q) Demonstrate Inter process Communication and Deadlock

OutputA) IPC

Put: 0

Initiate Consumer

Producer waiting

Got: 0

Initiate ~~Consumer~~ Producer

Put: 1

Initiate Consumer

Producer waiting

consumed: 0

Got: 1

Initiate Producer

consumed: 1

Put: 2

Initiate Consumer

Got: 2

Initiate Producer

~~consumed: 2~~~~Consumer waiting~~

B



## B) Deadlock

MainThread entered A.foo

RacingThread entered B.~~foo~~ bar

MainThread trying to call B.last()

Inside A.last

RacingThread trying to call A.last()

Inside A.last

Back in main Thread

Back in other thread.

Seen  
gt  
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