

Module 7 : Concurrency

Assignment

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Assignment

1. For **module7.deadlock.Deadlock**, modify the code to break the deadlock. [Solution **module7.deadlock.AvoidDeadlock**]
2. For **module7.racecondition.RaceConditionDemo** - what should I do to print the numbers of the first thread followed by the numbers of the second thread? [Solution **module7.racecondition.WithoutRaceConditionDemo**]
3. Write a programme where one thread writes to a console numbers 1 to N and after it has finished another thread writes the same numbers from N to 1.
 - N is passed through the command line.
 - The threads can be started in any order.

[Hint: Use **wait()/notify()** methods]

[Solution **module7.itc.CounterDemo**]

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