








Course

 CS-E4110

 Course materials

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This course has already ended.

The latest instance of the course can be found at: [Concurrent Programming: 2023](#)

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[1 Calculator -- A simple calculator using Akka actors. »](#)

CS-E4110 / Round 4 - Concurrency frameworks

Wednesday, 17 November 2021, 03:00 – Wednesday, 1 December 2021, 14:00

Late submissions are allowed until Wednesday, 8 December 2021, 14:00. However, points are only worth 70%.

This round presents other approaches for implementing concurrency than shared memory. Message passing model of concurrency and a framework implementing it called Akka is presented and exercised.

- 1 Calculator -- A simple calculator using Akka actors.
- 2 Roundrobin -- Creating children and forwarding messages.
- 3 Actors Lifecycle -- Understanding lifecycle of Akka actors.
- 4 Supervisor -- Understanding supervisor strategies in Akka.
- 5 Feedback