

Compiler Construction

Supervision 2

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All work should be submitted in PDF form 36 hours before the supervision to the email `josi2@cam.ac.uk`. If you have any questions on the course please include these at the top of the supervision work and we can talk about them in the supervision.

1. (a) <http://www.cl.cam.ac.uk/teaching/exams/pastpapers/y2003p4q1.pdf>
(in (b) construct a LR(0) CFSM)
(b) Compute [FIRST, FOLLOW, nullable], then fill out a *Predictive Parsing Table*.
2. http://www.cl.cam.ac.uk/teaching/1617/CompConstr/Exercises_Set_2.ml
(**Include commented type signatures for all functions**). Remember a continuation function of

(SOMETHING -> 'b) -> 'b

3. <http://www.cl.cam.ac.uk/teaching/exams/pastpapers/y2016p3q3.pdf>.
(a and c)
4. <http://www.cl.cam.ac.uk/teaching/exams/pastpapers/y2017p23q4.pdf>