Compiler Construction Supervision 2

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All work should be submitted in PDF form 36 hours before the supervision to the email josi20 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.

- http://www.cl.cam.ac.uk/teaching/exams/pastpapers/y2005p6q5.pdf
 (a, b, c, d and have a go at e)
- 2. http://www.cl.cam.ac.uk/teaching/exams/pastpapers/y2013p3q4.pdf
- 3. http://www.cl.cam.ac.uk/teaching/exams/pastpapers/y2011p3q5.pdf
- 4. http://www.cl.cam.ac.uk/teaching/exams/pastpapers/y2016p3q4.pdf (b and c)
- 5. Practical exercise: https://www.cl.cam.ac.uk/teaching/1920/CompConstr/practical. txt
 - (a) Implement simple optimisations : peephole inline expansion constant folding
 - Give a single example of a peephole optimisation and implement it.
 - Inline expansion is not always a good idea, why and add a simple that can help to mitigate the problem.
 - Give the rules you are implementing for constant folding.