Development of Safety-Critical Embedded Systems
WS 2012/2013
Exercise Sheet 7

Please send your solutions to jherter@cs.uni-saarland.de or directly to your tutor until Fri. 2012-02-01, 10:00. Solutions submitted later will not be accepted.

Exercise 7.1: Non-Available Expression Analysis (Points: 6)
Implement a non-available expressions analysis, that computes not the *available expressions* at program points but the *(possibly) non-available expressions*, using PAG/WWW.

Exercise 7.2: Sign Analysis, Revisited (Points: 8)
Implement a sign analysis using PAG/WWW.

Exercise 7.3: Faint Variables Analysis, Revisited (Bonus Points: 8)
Implement a faint variables analysis using PAG/WWW.