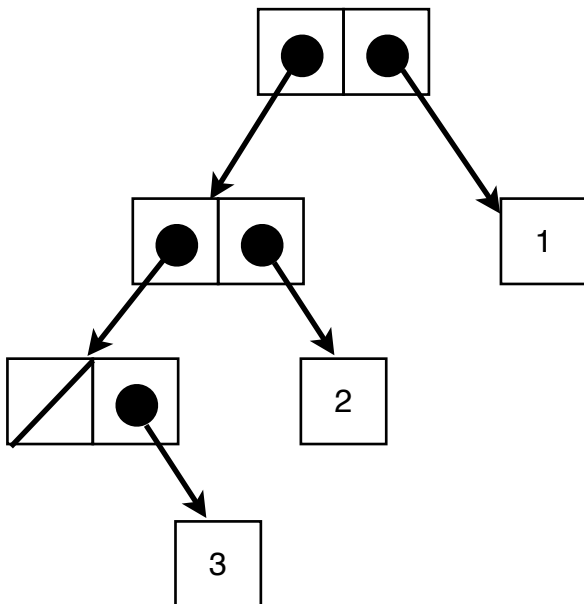


Assignment 1 for Advanced Programming Paradigms, Semester 2 2013

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Question 1 a)



Question 1 c)

Procedure “rev1” is the one that takes longest to run.

Comparing with “rev” and “rev2”, which are both using the procedure of “foldl”, “rev1” uses the procedure of “foldr”.

Despite “foldl”, which is an iterative procedure, “foldr” is a recursive procedure.

Normally, the iterative method is faster than recursive method, because recursive method implements heavy push-pop of the registers in the ill level of each recursive call.