Worksheet 12

Answers

Exercise 12.1 *Depth-first SLD-Resolution tree*

Same again but in Prolog notation

Exercise 12.2 `?- grandparent1(alf, Z)` *is more efficient than* `?- gradnparent2(alf, Z)` *because the first subgoal in the call to* `grandparent1` *will be* `parent(alf, Y)`*, but the first subgoal in the call to* `grndparent2` *will be* `par(Y, Z)`*, the latter having more solutions that it would have to test with the second subgoal.*

Vice versa for `?- grandparent1(X, alf)` *and* `?- grandparent2(X, alf)`.