P(L) Prove ((mapf). (mopg)) & = map(f.g) & l:: [a], g:: a > 6 and f:: b > c (1) Base case: Hove P([]) ie. ((mapf). (mapg))[] = map(f.g)[]

LHS => ((mapf). (mapg)) []

By definition of . (function composite operator)

Smapf (mapg [])

By definition of map

E] RHS => Map (f.y) []

By definition of Map

