1. 1. first(H) = {h}

first(E) = {e, ε}

first(B) = {b, g}

first(F) = {f} + first(E) = {f, e, ε}

first(A) = first(B) + first(F) = {b, g, f, e, ε}

follow(A) = {$, c}

follow(B) = first(A) = {b, g, f, e, ε}

follow(E) = follow(A) + first(F) + first(H) = {$, c, f, e, ε, h}

follow(F) = first(E) + follow(B) = {e, ε, b, g, f}

follow(H) = follow(F) = {e, ε, b, g, f}

* 1. first(C) = {h, ε}

first(B) = {g, ε}

first(A) = {d} + first(B) = {d, g, ε}

first(S) = first(A) + first(C) + first(B) ={d, g, ε, h}

follow(S) = {$}

follow(A) = first(C) = {h, ε}

follow(B) = follow(S) + first(C) = {$, h, ε}

follow(C) = first(B) + {b} + follow(A) = {g, ε, b, h}