HW 3b

FIRST(rule) = { ID }

FIRST(query) = { ID }

FIRST(scheme List) = { ID, λ }

First (factList) = { ID, λ }

FIRST (ruleList) = { ID, λ }

First (queryList) = { ID, λ }

First (rule → head Predicate) = { ID }

FIRST(query → predicate) = { ID }

FIRST (schemeList → scheme) = { ID }

FIRST (schemeList → lambda) = { λ }

FIRST (factList → fact) = { ID }

FIRST (factList → lambda) = { λ }

FIRST (ruleList → rule) = { ID }

FIRST (ruleList → lambda) = { λ }

FIRST (queryList → query) = { ID }

FIRST (queryList → lambda) = { λ }

HW 3c

FOLLOW (rule) = { λ }

FOLLOW (query) = { λ }

Follow (schemeList) = { FACTS }

Follow (factList) = { RULES }

Follow (ruleList) = { QUERIES }

FOLLOW (queryList) = { EOF }