Word Count Specification:

1. Definition:

document ::= import <doc\_name>

char ::= "all characters"

separator ::= space,

|line break

|tab

text ::= seq char

word ::= seq1 (char \ blank)

s == separator

w == word

l,r == text\_string

2. Schema:

Function Word Split

text -> words

if words = <> then <>

if words = s then <>

if words = w then <w>

if words = sr then Word Split (r)

if words = ls then Word Split (l)

if words = lsr then Word Split (l) + Word Split (r)

Function Word Count

text -> num

num = ♯ (words text)

Function Character Count

text -> num

num = ♯ (characters text)

Function Line Count

text -> num

num = ♯ (lines text)