James Mantz

HW 3

R-8.1 a.) /user/rt/courses

b.) cs016/, cs252/, grades, Homeworks, progrms, projects/, grades, papers, demos/, /user/rt/courses

c.) 9

d.) 2

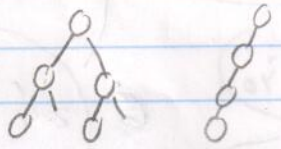
e.) grades, progrcms/

f.) papers, demos, buylow, sellhigh, market

g.) 3

h.) 4

R8.7



internal - max = n - 1

- min = (n-1)/2

external - max = $\frac{n+1}{2}$

- min = 1

R8.9 $p(n) = n+1$ $p(n+1) = (n+1)+1$

$p(n+1): n_E + 1 = n_i + 1 + 1$

$p(n) \rightarrow p(n+1)$

$n_E = n_i + 1$ $n_E + 1 = n_i + 2$

$n_E = n_i + 1$

Q.E.D

R8.20