Cs 5050

04 08 2014

String matching

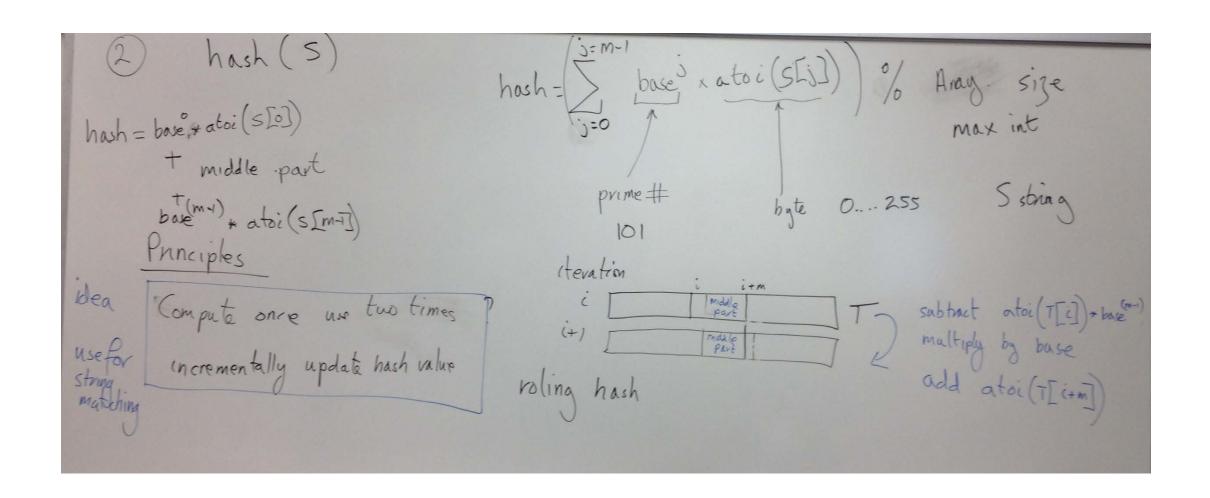
Given P small size m

T text target big size n TII Find if P[0] == T[i] 88 P[i] == T[i+i] 88...For i = 0 to [n-1-m]Fund = True

Found = Found 86 P[i] == T[i+j]Probable = Time

Probable = Time

Pro Complexity O(n m) T= aaaa .-- 106 P= aaaaaaab 100 Hashing? Ideal 0 (n+m) 20 (n) String equal
hash P = hash (p) for if hashf=hash (TI im)



"Use what you already know"

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