Lecture 11	
LAST TYME Thory Thory	Tion
(B) 05 1 ? 8[28]	=> smaller Egnal) larger (flis) ? = TIJ-1 = 6 S = ababab for example
S= hananas O(n) Vahahas anan lastb range ban anas ban nas bana nas banan as banan	\$ C Cats at scat to scat scat shanana bananas

```
Mx hxbgn # comparisons
 if comparing
given in strings, length na n/ cost at comparing O(1).
  PADIX THE? nlogh × O(1) =

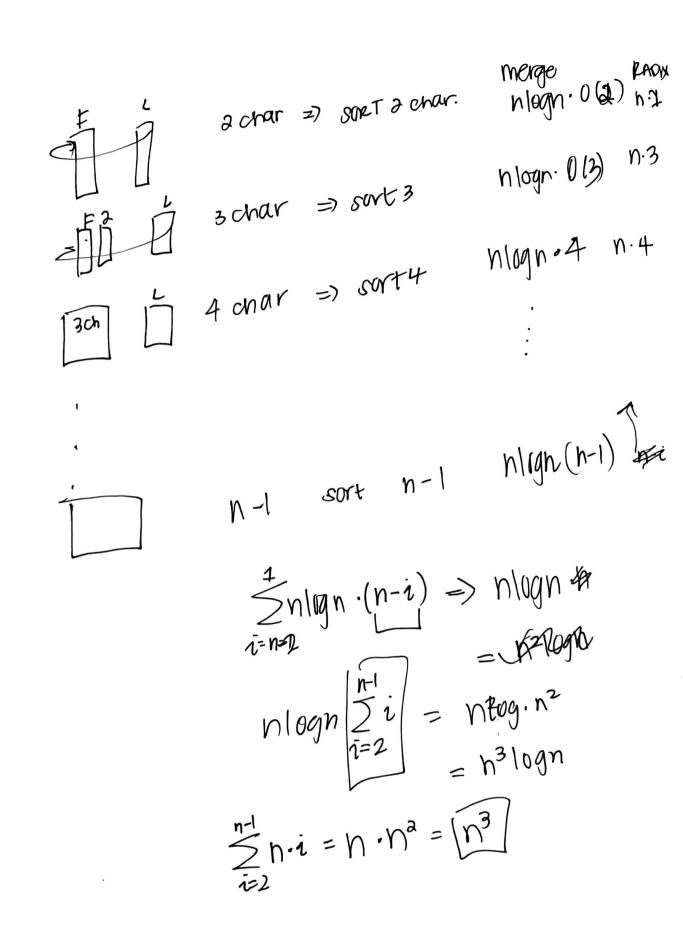
RADIX THEMS X digits

N × N = O(N2)
                                                panana 8
     Sorted list of POTATIONS
      marg sto]
          6 asbanan stal
          4 anasban s[3]
         2 ananash sci7
1 bananas sc7
           5 harbana SE47
           3 nanasha scaz
       int/2A=18 int OAEn7 = SA-linear (S); O(n)

for (int [= 1 to n) f

print (SE SAE i) -17) if defined

else print oEn];
```



PMT(5)=8mnpbnnaaaa\$a EmnpbnaAgra

