Fiven an array of only 0's & 1's sout the array in ascending order. 1 = 0, 7 = 50 - 1in ascending order. 1 = 0, 7 = 50 - 1 1 = 0, 7 = 50 - 1 1 = 0, 1 =Unile (aro[left] ==0,2 Two pointer approach: left < right)

Lile (arr (right) = = 1, 2 Wile arr [el] == 1 arr (right) == 0 Swep (left, right)

ltt, right) lift (sight) l=0,1v = 7,6 2<8 Kadane's Algorithm: > O(n) Maximum Subarray Sum 6-8, 5+(8)=-3 77=25, -8, 1, 2, -1, 4, 2, 1, -2+1=-2 2, 1+2=2 $av = \begin{cases} 2 & 5, -8, 1, 2, 3 \\ 0 & 0 \end{cases}$ $cmax = arr[o] \rightarrow 5(-3)$ = 3+(-1) = 2 qmax = arr[0]-(5) 6 for (int i = 1; i/n; i++) { cmax = max (arr[i], cmax+arr[i]); qmax = max (cmax, qmax); return gmax; Character Arrays & Strings: > scanf()

gets() Définition: > A string is a sequence / collections of characters. It can contain: Stropy 1) Alphabets - AtoZ on a toZ Strolen Stronat 2 Numbers —) 0 — 9 (3) Special Symbols -> #,/, x, etc etc (4) Whitespaces "JIT" > 'J', 'I', 'T', 'A' # include (string.h) end fstring * Program to point the first letter of each word: Rahul JIst From JAIML Batch 11' 0' 01234567891011121314151617181920212232425 null Ops > RIFAB * for the index o element -> if it's an alphabet,
we will print it or else we won't. While (Str [i] ! = '\0') } if (str[i] == ' kk str[it] -) alpha print Sto Ci]; Sto2 = Tython Strl = Java Swap (Str., Str 2) Stol= Python 8to2 2 Dava MALAYALAM RaDaR Ctype while (start < end) { if (str(start) != str(end)) to lower()

refrum 0;

S++ Co Ctt, Java, Python Language Enpertise : SQL, Mongo dB, NOSPL L) Java (python) - DTL print(fype(a)) a = 10; a = 20.5< class float> * Remove dublicates from a String index = 0,1,2,3 Diverty (S) -> SAURV' for (i = 0; i < len; i++) Str = SAURV int is for (j=0jj/ijj++){ if (str[i] = = str[i]) {

break; co $if (i = = i) \rightarrow Str [index ++] = Str[i];$