

int
$$A[5] = \{32, 7, 5, 4\}$$
,

A 32754

wif $A[5] = \{1, 5\}$.

I 5000

int $A[2] = \{12,7\}$.

A 57

This is Wroney

m A[5] = [0]. Alsignesiae

· By wee - 69 gg	1
int grades [4]. grades 76 160 60 9	Ente
0 1 2 3	70
int grades $[4]$: $[i+1]$ grades $[4]$: $[i+1]$ $[i$	100
grades Z 1 3 og rades	v
print (Enter grade (n); grades [3]	60
for (i=0; i<4; i++) (soperations grades [1] = grades[1] printf ("Enter grade \n"); grades [0] = grades [2] Scanf ("%d", 8 grades [X-2*] = 7; grades [X-2*] = 7;	9
Scant (2001) O Grades [X-2*1]=7;	

Jure 221 Basic acrays xinclude < Stolio.h. * define S 4

int main ()

int A [5] = [52,7];

ind sum = of is max; ava;

for (i=0; i<5; i++)

Sum += A[i] ang flot/Sum/5

max = A[0],

for (i=0; i25; i++)

If (A[i] > max)

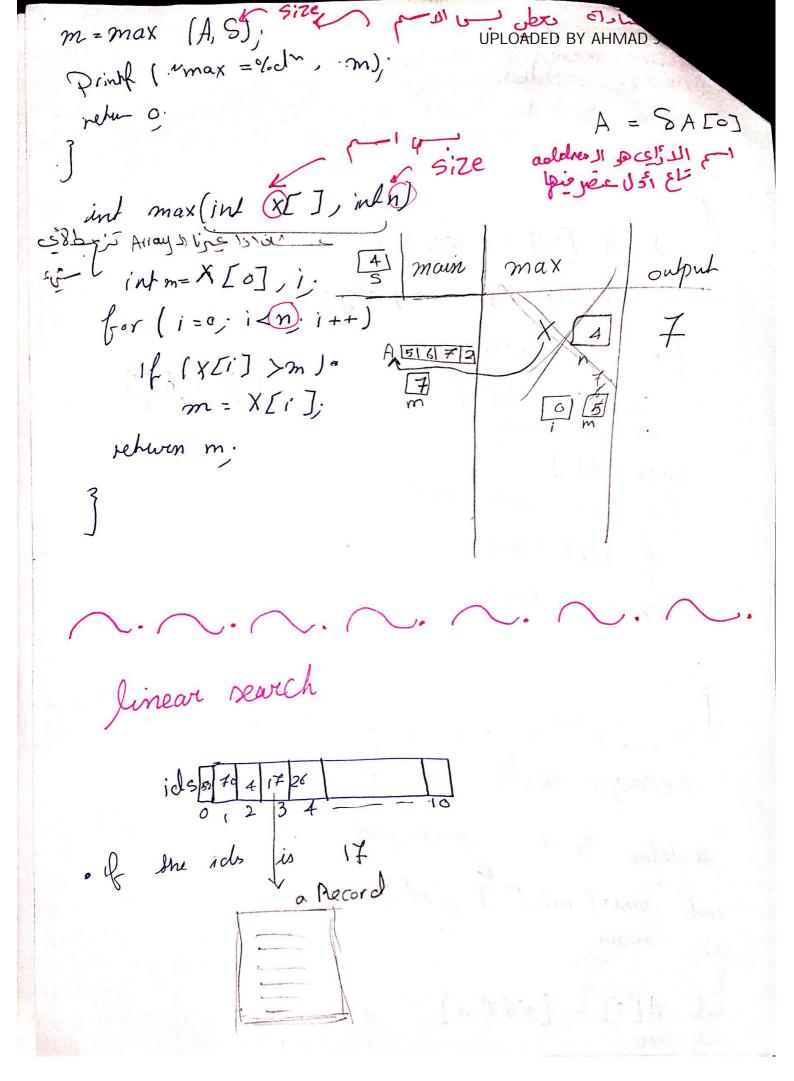
max = A [i]

toways with functions: -

define S 4 5182 rox8 max(int[], int),

inf main

A[s] = [5,67,2];

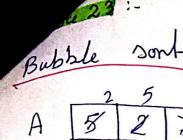


rucle < Stolic. h> UPLOADED BY AHMAD JUNDI define S 5 Biray sauch int finSrch (int []; int, int). int main () inh Rey A[S] = [1,2,7,46]. Printf (" Enter Keyln") Scanf (" %d", 8 Key); pos = lin Srch (AS, Key); 17 (pos = = -1) printf (", of No such Key", Key); else print 1 % el es at position % el, Key, pos). int lin Srch (int B[], int n, int K) for (i=0; i<n; i++) if (B[i] == K) retwen is retwin -1; lin Srch out A 1 2 7 4 6 8 No such Key

> Sorting

4 Bubble sout

5 2 7 4 6 2 44 45 6 7



. We need two loops

Ifunction) Void Sort (int A[], int n), int i, it temps;

for (
$$j=0$$
; $i< n-1$; $i++$)

If ($A[J] > A[J+1]$)

 $kemp = A[J]$,

 $A[J+1] = lemp$.

UPLOADED BY AHMAD latters [h | e | 1 | 1 0 | 1 hello or (i=0; i<n; 1++) if (letter [i]==é') و رنعیاه عدر طروف و شا کراری Ecount ++; · Multi dimansional Arrays:-_ 2 dimensional Arrays ~ int A E2JE3J.

Fows columns

A 0 1 2

A 5 2 0

1 3 4 6 int A[2][3] = [{ 523, (346] }; To enter elements by user: # include < stolia h> * défine R 2 * défine C 3 int main () int A[R][C]. for (i=0; i< R; i++)
for (j=0; j<C; j++)

3

Simb (" Enter value \n"); scanf ("%d", & A[i][j]);

> 5 A COJ [0] A [0][1]

A	0	1	1-2-
Q	5	la	3
1,	6	2	

3 A[0][2]

6 A[I][o]

2 A[1][1] E A [] [2]

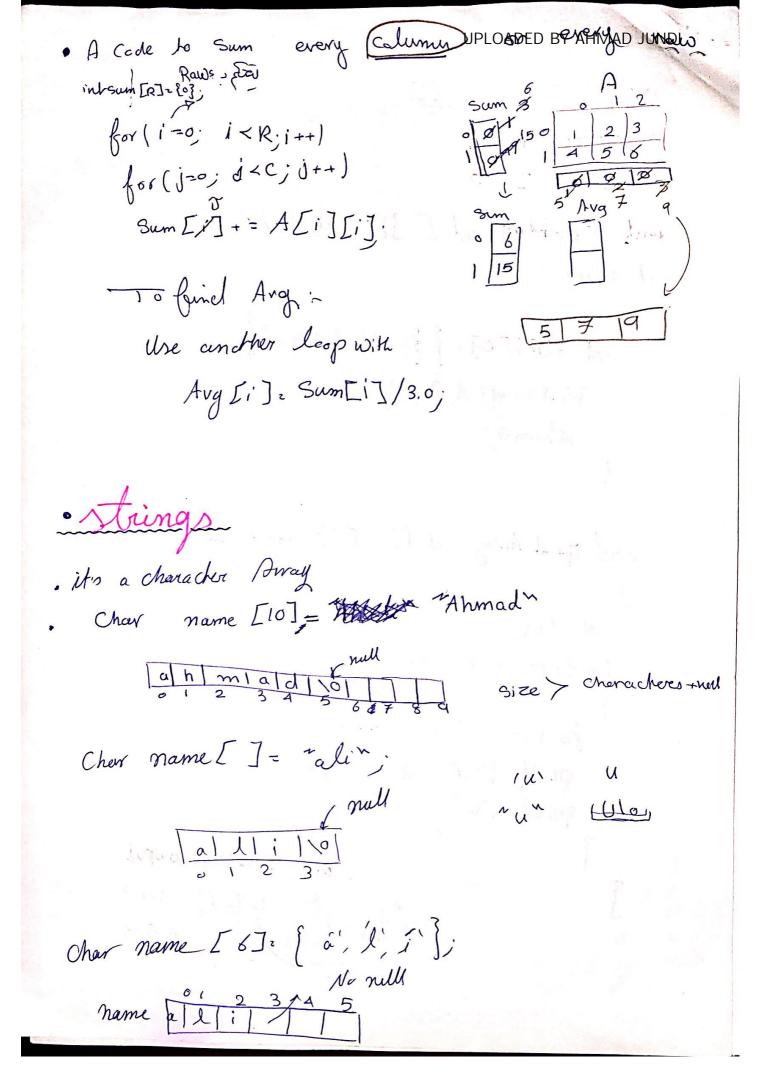
for (i=0; i<R; i++) for (j=0; j<c; j++)

L Sum += A[i][j]; max = A[o][o]; To Choose Max for (i-same)

for (i same)

Eigh (A [i] [i] max A [i] [i].

Xinclude < Stdiah> ≠ debine R 2 ≠ define C 3 void printArry (int [][c]; int, int); int main 1 int A[R][C]= { {!2,3}, {4,567}} Print Array (A, R, C). nehumo; Void print Array (int B[][C] intr, intc) for (izo) i<r; i++) for (jzo; J<c; j++) print ("% d", ACIJEJJ). Print ("m").



UPLOADED BY AHMAD JUNDI . Char Word [7]: Printf ("Enter Word in"). Wordz Sword [e] scanf ("%5", word); Printf ("Word is 7.5", worrde); word b ye 10 you can't do j- S, = S2) Enter word
bye char S.[] Sz[] word is bye $\rightarrow \psi (s = s_n) \times$ Enter Word ali_ali inthis case don't use scanf use function (gets) gets (word)

Ex: Cher sult 100].

HOW are you

gots (Sent)

stropy (Si 82).

strncpy (SIS2,n).

str cat (S1, S2).

Strncat (S, Sz,n).

Stremp (S1, 82),

strncmp (SI, S2, n),

Str len (SI)

Str 10121 -, -1

Note:

~ The Constantion & direct is E8

stropy (s, samin)

Constant

Strcpy Cheer SI [10] "ali".

Char Sz[6] z ahmad"

S2 = S1, X

stropy (52,5,1)

elements us vivo us d'inil

Strncpy | S1, S2, 2);

Char 2 dol suis

rull zis 8

51[2] = (10);

C, A/R/X/10

ashmal di

Stracati(s, Sz)

2 Array JPLOADBD BY AHMAD JU

Stracat (5, Szl;
aliah 10

S, [a] li | xo| hi 10

Strncah

Str Cat (9, 52, 1);

S [alli 16 10]

Streemp $(s, S_2, 2)$ ===0 spaid len (" amaach) rull - cines? Pint ("%J" 8) خوده ترجع غست

1 get here

· اذا أردى ان كسب عدمروف

String G

int i=0; count 1=0; Char St [10]

Printf ("Enter string In");

scanf ("%S", 8+);

while (st [i] != (10))

a h a b 10

if (S+[i]=='a')
countA++;

j++;

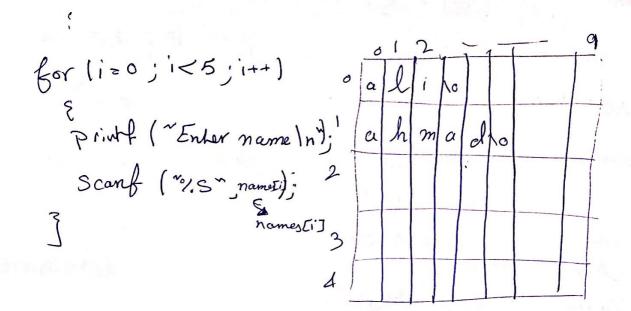
i=Stylen(St).

i=Stylen(St).

mull Jean

while (St [i]='0')

i++;



UPLOADED BY AHMAD JUNDI finclude <stolio.h> **include < string. h> int main () char name [5] [10]; Lemp[10]; intijus Printf ("Enter any live names \n"). for (i=0; i<s; i++) Scanf ("25 ", names [i]); for (1=0; 1<5-1; 1++) one dimension les Sepholos de Arry 18 (stremp (names[i],nams[i+)) Bubble Sert] Bring () stropy (temp, names [i]); Samah strcp(names[i], names[i+1]). strcp(names[i+1], temp);

PLOADED BY AHMAD to /Zimison gos pionist ex: how, are, you stinclude <8tdio.h> Winclude < string. h> I define S 100 inf main () Char Sent [5]; printf (" Enter sentence" In"): gets (sent); to Ken= string Strtok (sent, a); while (to Ken != NULL) space > { Printf ("%s\n", token); space tollen = StrtoK (NULL, "). refurn O;

include < Stdio.h> UPLOADED BY AHMAD JUNDI * include < string. h> # défine S 100 int main () Exput: cher Sent[s], words[10][20]; How are you char * token; printf (" Enter sentence \n"); gets (sent); to Iden = Strtok (sent, " "). while (folden I,= NULL). Stropy (words [i+], token); 2 to Kenz Strtok (NULL, "). of (1 (Stropy (wordti) aren). Strepy (word [i] "is")? for (j=(1-1); j>20; j=-) print (" %S i , Words [i]