

Sum += A[i]

How to know the lax of the element for (i=0; i<5; i++) of (A[i] >max) max = A [i] . How to Use Arrays With functions When passing An Array to a function Ly ent max (int [,], int) inf main () in = max (A, S)

Name

Name int max (int X[] ; int n) Using Arrays in a linear search To search for an element:

let's say we have a 5 elements Array A[5]= } 1, 2, 4, 5, 6} · If I want to search for a specefic element let's say 5 here Then *include < Stolia.n> # depine S 5 int lin Search (Eint [] int, int); int |dey, A[8] = [1,2,4,5,6]; Trintf (" Inter Key In"); - the user Scanff (" %d", Shey); The key Pos = lin Search (A, & Key); if (Pos == -1) Name Site used to stop Print (" No such (Key"); else Printf (" %d is at position %d", key, pos). int In Search lint BII; int n; int K) for (1=0; 1<n; 1++) # (B[] == K) return - return i;

Bubble Dort:

To order elements of an Array:

You will need two loops 2 43 4

You'd sort (int A[], int n)

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

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

Lemp = A[J]

A[J+1] = temp

Lerrays with Charachters:

cher [6]= { 'a', 've, 'i'--.}

Printf ("Enter a Word")

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

Scanf (*sc", &letter[i]).

Multi dimensional Arroys: -> 2 dimensional brougs :ent B[][];
Rows calumns Exp1 B[2][3]; 1- you have to deline number of Rows and Calumns 2- you have to use two loops (one for the rows and one for the culumns) Kinclude < stdioih> # define R 2 # défine C 3 int main () int AERICCI, intijo; for (i=0; i<R; i++) for ()=0; j<c; j++) Dritt (Enter value");

Scarf ("Sola, & A [i][j]).

How to Sum Columns or Rows of An Array:

int sum [C] = {0};

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

for (j=0; i<C; j++)

Sum [J] + = A [i][j];

in sum [R]=803; for (i = 0; i<R; i++) for (j=0; j<C; j++) sum [i] += A[i][j]

or Avg:Avg [i] 2 Sun [i]/(number of element)