4

of Bhakan Apignoo 10486

# include 2 stdio. h > void main () unt a (30): unt 1, J, a, m. Point + ( "enter dize") scan + ("/.d", dm), Bun7 f (" Enter elements"); 100 (i=0; 1 cm; i++); sant (" %d", kali)); for (1=0, 12mi i++). Por (J= i+1; J(n; ++J) 2 is (a [ 1] = a [5]) az aciji a Ci) = a (5); a [] = a;

```
Printf (" descending order"),
 Pos (1=0) 12m; 1+1)
   Paint f(" 2d", a (1)).
  3
  Inf c, first, dost, mid , lidex , sum = 0, P= 1
   Posint f 1" (miles cleannt"):
   sconf ["7,d" &5);
     fist = 0
     10st = n-15
     mid = (Pinst-# dost)/2;
       While ( 188+ 2 = Jast).
         iz la Cimid ] < Gearch ).
         fight = middle + 1;
      Ele 18 Ca [mid] == search ):
       Print of (" " d found at " d", s, mil +1),.
        proak 1
     Olse.
       dast = mid - 1;
     mid = (Asst + dast)/s
      : h (frost - Jast)
```

```
Rimit of (Not bound");
 Birt 1" enter two docations"),
Scent 11 7/ 1/1, add, 4/2) "
for (i=d, 1'c=di; i++);
 P= P* a(1);
 Buint f 111 sum = % d 11, Sum);
 Run 7+ 1" Bodact = %d," P),
   # indude 2 stdio.h >
  # windude 2 conto. h >
 Int alloJ ; m, J,
Void Sost (m2, int) (low; high, mid, 420];
 void mage lint, int, int),
  Void main ()
   elles (7)
   Buint of (" times size")
  siant (" %d", 4m);
  frints su embor elemente").;
  60 (1=0 ; 1cm; 9++).
```

beamf (" %d", (ali)) low =0 1 ligh = 01-1; Soot (dow, byoh) Bint of 1º Aster Goothing "). 60 (100 j ) ∠m; 1++). Buint f to 1, 4d", a C10]; Roduct (1) getch (1: void Bost Coint dow; with tight? mid: (dow - high)/2. 16 (dow = high). 6007 (dow, mid). Sout (mid + t, high); make I dow, mid, high). vold megge luint low, int mid, wind leigh? 80 (1,=0, d2 = mid, 1=0), 1, c=mid 1 de= high, i++) B Ca CUIDE a Cde 7) 6 (1) = a (d,++), Plso b(1) = a [d2++); ( Lime = 2, B) aboves b[i++] = a[d,++]1 Correlo (dz < = high) P C1++17 = a [12++1] ! fox [1=0; 1(b) +++). acio = 6 cio void Rowdard (); 3 integrations int K=), Bint & ( " Entar 12") brom & (4%d", 1x); for (1'20) (C=K; 1++). Pz P\* 1)

311 densestion soot: The data is sorted by insertion the data sinto an axisting sorted losse, the process followed is eliminate an known pefore while societies followed is eliminate an known Best as complainty.

20 Clac then is searched. Best as complainty.

ey of in 8 entrien Soti-7 4 5 2 7 7 5 2 9 4 5 2 9 4 5 2 9 4 5 2 9 4 5 2 beleation 500%.

The data is solved by invertains and elacity the.

The data is solved in gotton the best consecutive alments in gotton.

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The data is solved in gotton.

The data is solved in gotton.

The data is solved in gotton.

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underde 2 stoles h >
 1012 main ()
  un 2 a 2100 ]; on, c, d, such;
 Buint & ["Inter Size"),
beanf ["/.d", In);
Paint f 1" Enter elements"):
 los (1=0). (Lm, C++)
 swort ("/d", 4alc]);
 3
for (c=0) ( =: m-1; C+1)
  soo cd = 0; den = c-1; det)
  a (dH] = Evalpi
```

```
Rint of 16 bubble set ")
   for (c==0; c=n; c++)
     Paint of toyled", a [c]).
(i) Paint & it alternative elemente");
     €8 (1=0, € L=m, (+= Z).
    S Raint & 10 % 11, alc ]);
      int sum =0; P=1
      too(c=1; (c=m; i+=2)
211
       B
P= P新 a Cc)i
     f_{08}(c=0), (L=m, C+2).
        3
5 = 5 + a [c];
     Paint of /11 Sumb. Product = % of Jed ", Sum P).
```

unt on Canto M' Goton m"/ beant 1 tod ", Km); for (100 , Le= m; (++) 16 (a: [c] 1/m= =0) Print 1 " d'a (E). elso Pun 7 f 14 Nor found "). # indude 2 stolo-h > 3/ mr B-5 (aint a l7, wint of & wint d, winte) 13 (D==5) unt m= (fid)/2 if (a6m) ==e) . S retarn im; 1) (a (m) = cd 3 dehan BS (a)f, m-1,e),

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noturn BS (a, m+1, J, e), ratam -1; Und main ( Vold ). 3 [P,5,8,4] = [1,413,2,9] und n=S, int e= 91 unt P=BS (a, a, n-1,e). 16 (P==-1) Punit & (" not tound") bint of to down out "do", P).