C

L

week 7

GE23131 - Programming Using C

Searching Algorithms – Linear and Binary

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Program: Ice cowam Paulou
ed.oibtes obuloni #
int main();
   int timinic=o;
   scan f("olod", st);
   for (inti=0; ict; 6++){
       (= 0;
       s com f ("-/od In o/od", &m, &n);
       int according;
       for (int i=0; i < n; i++) f
          Scanf (" d.d", saus[j]);
       for (int a = 0; a < n - 1; a++) {
            for ( int b= a+1; b<n; b++) {
               if (assa[9] + assa[6] == m){
                   Printf(" " " od of d \n", a+1, b+1);
                   C= 1; beceah;
           3 if (c== ) becak;
     netwano; 3
Sample Input
45
14532
2243
        Output
Sample
 14
12
```

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Program: MUSSING Number Hinclade Estadions & CLAIDM IN int nim, cicloo, co, Scanf [" dod", [n); int and [n]; for (int a=0, acn; a++) { scanf (" rod", & accor (a)); Soanf (" dod", RM); int bookmy, ansemy; for (int (b=0; b c m; b++){ Scan f ("ded", & 600 [6]); for (int j= 0; j < m; j++) C= 0; for Cint i=0; icn; i++);) ([] red = = [13660] ti C=1; arr Ci] = -1; 3 break; 3 (c=0) [. [c]: ans [ci] = boolj]; 014+; for Ciata = 0; a = cl; a++) { c 0'= 0: for (int 600; becl; b++) f

il (ano Co) cans (a) (0+4; int temps aus (a), ansla]: anslco] austro] = temp; for Cint i= 0, i ed; (4) pointf("dod", apo(1)); eletion 0; Input Sample 203 264 205 201 207 208 203 204 205 206 13 201 204 204 205 206 207 205 208 203 206 205 206 204 sample output 204 205 206

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Program: Sheelock and Assay
Hinclude estdio his
int main() }
  int tin, Is, sus, m;
  scary (" dod", Qt);
   for (int i= 0; 1ct; 1++){
     25 = 0;
     90 = 0;
     scauf ("dod", In);
     int area [n);
     for (int j=0; j=n; j+f)
Scan & (" vod", 2 ason[j]);
    M = n/2;
    if (and [m) == 0) {
for (m=0; and [m)==0 ll m=n; m++);
     for Cint j= Dije= m;j++)
      Is = Is + and Gi];
      for Cint j= m; jen i j++)
        es = es + ase [j];
        perintf ( 110/03/n"; (15 == 91)?"/Es": "NO");
     eletien 0;
 sample Input
                    John 25
23
 123
 1233
 Sample Output
 Nos
```