LCS Problem 01: Hinclude 29this his #include & storing.h) char 81[50] = "abe bolab" 32[50] = "dbeaba" b [50] [50] void to Algo Uh m= stelen (SI); n=strlen (sa); for (i=0; i/=m; i++) LCS-+[i][0]=0; for (i=0; i <= n; i++) LCS-+[0][i]=0; ar pilo are tool (i=1; ixpm; i++) spora もの (すー1; すくーか; す++) if (si[i-1] == 52 [t-1]) Les-100[] = Les-1[-1][j-1]+1;) else if (LCS-+[i-][t]) = LCS-+[i][t-]) 1CS-+[][]=LCS-+[i-1][]. lelse 1 LCS-+[i][J] -LCS-

int index = LCS - + [m] [n]; chare lcs Algo [index + 1]; LED STRATES ON 19916/18, spay 200 42 tes Algo [mdex] = "10"; to written o'when in in+1'=m, j=n; while (1) 0395) off if (si(i=i] = = 52 [J-1]/2 103 Algo [index-1] = 81[i-1]; (十十) (四十) (10年1) 江南 (DE [0] [1] + EN] (1:0) [1:0] Hay index; else if (les-+[i-1][j]>les-+[i][j-i] 14(e1(1-1) == 28[a-1]) (else 一门门山山上部上西河上部 printf ("31: 1.5/n32: 1.5/n", 51,52); Print & L'DNA Most Match: Y.S", 1es Algo -827- FAJET-897 103 Algo ();

Les Potoblemoz: Land the parties of the state of the state of # include 23+dio.h) 0 = [+ 30 11] 0 - JR 33 Himelude Latring. h) int 1, J, m, n, Les -+ [50] [50] char 31 [50] = "cateat", 52[50] = "tgreat" b[50][50] void les Algo Ud m = strlen(si); m = stolen (92); tox (i=0; i<=m; i++) Les - 4[][] =0; fur (i=0; i = n; i++) LES -+[0][]=0; for (i=1', iz=m, i++) for (すーリ、すくか, i++)1 if(si[i-1]==52[J-1])d Les-+[][] = LCS-+[i-1][] -1 [] -1]+1; pelse if (LC3-+ Ci-1) [5]>=LCS-[1)[j-1](Les -+[][] = Les -+[i-][]; pelsed ast is X: datom took francis & barrow Les-+ [i][i] = Les-+ [i][i]; NOT LOW DAY 100 place:

```
intindex = Les -+ [m][m];
char les Algo [index +1])
Ics Algo [index] = 'V';
inti=m j=n;
while Cixous Tyold
 IF (SI (1-1] = = S2 [J-1]/
  103 Algo [index-1] = S1 [i-11];
index--;
Pelse if (Les-+[i-1][i]) Les-+[i][i]
P188
サーニ)
printf ( "81: 1. 5 | ns2: 1. 5 | n', 51, 32);
 printf("DNA most match: 1.5", 103A/90))
  int main ()1
  1 LS A (90 ();
```