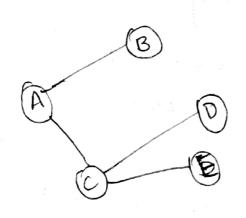
NAP to distance reclas algorithm to find Surfalle fath for bransminston.



# include < stdio. h7 # include < bits/sydc++.h> # define MAX 10 in wi

Vord tapat (tal Jan nowten ? char odj-rev[MAX], odj-old[MAT]; tolde- new [Max], tolde-old FURX].

(int i=0; i<n; i+t) { adj-old[i] = odj-new[i]; table-old[i] = table-new[i];

```
int engled () {
for (int i=0; i< n; i++)
   i) (table-old := table-new [i]]| colj-new[i]
         ! = odjf odj-old[?]) setven 0;
     getrom 1;
  Void input (int j) {

Contex "Enter" !- if quonter emixt,

Contex "Enter" !- if quonter emixt,

else - enter eqq i
      to (int 1:0) (2n; i++)
       (i)=j) Cont ~ (chos) ('A'+j) < 2" ",
          Contex " you Enter Motion:";
       fo(i=0; izn; i++){
         i) (i==j) table-new [j]=0;
                  ain >> tolele - new [i];
                adj-new [1] = (cher) ('A'+i);
             y contereuds
```

Void display ()? Cont en Derkinston Router" to (inti=0; r'<n; i+1) coll edden) ('A'+i) en Contac "In Ontoping Line" for (ind iso; icn; in) tout condinum [i] Contes "In Hop Count: for (intizo;icn ,irt) (out ex table -new) i)e Void build (int)} & for (ind 1=0; icn; i++.) for (int k=0:(il=)) 82 (kcn); P++) i) (+oble-8/d [?]; =99) ] (table - new [i] + 9 [i], table - new [e] < toble-new [k]) { table-nu [n]=table-new[i] + A[i]. table-new[k]) adj\_new [E] = char ('A'+i);

Void build table (15 ind i=0; j=0; while (it = n) { fo(i=j; izr; i++){ 9777.6/y(); 9777.6/y(); 9777. [mbwld (i); far (i=o; izn; i+t) bound; Cont 200 Enter the no. of grouters: "; Construction (1);

for (int i=0);

Ten; it t) nTil. tot infort (1); build-robble (); Contre Frantes Table Entender for souler (Cher) ('A' + i') 22";

91 [?], dishland): for (i=0; i<n; i++){ 97 [?], display(); 3