```
Distance Vector Algo
# DEFINE MAX 10
 intn
class rooter {
 chanadj-nar [MAX], adj-ald [MAX].
  int table_new[MAX], table-old[MAX]
  poslic:
 router()5
  bor (intico; i KMAX; i++)
    tuble -old[i]= table-new [i]=99]
  void ( ry C) (
    bor (intiza; icn; it) s
     adj-old[i]-adj-new[i]
      Musle-old[i]= tople new[i];
                                 They were the said
     mtegral () {
     bor (intico; isn; idt)
      il (table-old[i]) zdable-new [i] ladj-new [i]!
        - adjeald[i]) returno;
       resurn!
```

```
void input (inj)
 adjacent de vouler!
  (c(Cchar)('A'+j') < ('else enter aq: "< cord/ cert
 bor (introjien; 14)
 ib(i!=j) cost (((Char)(4'+1) <<" ")
  Cout ((") nEutamatic";
bur(ico; ien; 1++ )5
i ((1: =j)
   table-new [i]-o;
else
  cinsstable-new [i]
  odi-new [i]= (char) ('A'+i),
  cout (cend)
 void boild (intj) {
 bor(intizo; icn; ita)
bor(intkzo; (i!=j)&&C(k(n); k++)
 16 (tabe-old [i]! = 99)
 ibl(table-new[i]+r[i]. table-new[t])(table-new[t])
table new [K]-table-new [i]+v[i].table-new [t];
adj-new [K]-(chau) ('A');
```

void boild-table()5 int 1=0, j=0 while Lil ans borli=j; ix n; j++) { r[i].copy(); + [i] - build (i); bor(1-0, 1(h; 1+1) il(! r[i].equal())5 break; void main () { (lyser(); (out (c'Enter Menenber obvoutes (('AMAZZC"): 'jaid bor(inticoojicn; i++) v(i). input(i); buid fulle (); bor (izo jikn; 1) { cout "Route Table enter bor route "20 (cha)('A'+i)ce. r[i].display(); conficend/candl) Saytch ();