Routing algorithms I Non adaptingive. Cyle 2 Distance vector Routing Algorithe -> To find suitable path. SI - given a Topology. 1/2 · cecati a Matrix [AM] from topologis op print Routing table entries at all soutess along with hop wint ROWER ABLDE Cod: Hoyd Wasshall Evector Eventor Dar vector < vector < i d>> cost, inth) topor Cinte k=0; k<n; k++) tor Cintizosicnsiff) Aprilint j=0: jen sj++) it(cost [i][k]+wst[k][j]< cost CiJCi)

cost CiJCiJ = coet[i](k) + vost (KJCiJ

```
add Conn (vector cue ctorcintze to po, int u, int v)
      (1:[v][u] o got
2
      topo [V] [u]=1;
3
 int main ()
       contecente no of routers " exend!;
7
        into;
        Vectorcutorcint >> topo (n, vectorcint > cn, 999));
        torcint Fosichsitt) topo sistis: 0;
        add conn ( 10 po, 0, 1);
        add Conn (topo,0,2);
        add Conn ( topo, 2, 3);
        add Com ( top. 2, 4);
      cost = thoyld was shall (topo, n);
      return 0;
```