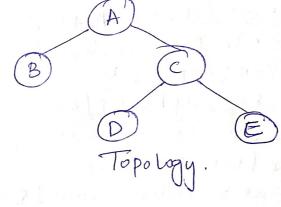
$\begin{array}{cccc}
A & \longrightarrow & B \\
A & \longrightarrow & C \\
C & \longrightarrow & D \\
C & \longrightarrow & E
\end{array}$

Routing hable sentics.

5 Ponters



Prehade . Kronio. h> # Enelhade & Evstroom. h> # define Max 10.

class router.

ehar adj-new [max],
adj-old [max];
ent hable-new [max],
hable-old [max];
public: ronter()

for (int 1=0; 1 < max; 9+4)
table-old[i] = hable-new[i] =99;

Poster bha. P. 1 BM18C8074 for (int = 0: 12n; i+t) adj-oldtij=adj-new [i]; hable =old [i]= hable-new[i]; ent equal () & for (int 1=0;12n;1++) if (fable-old [9] = hable_new[i] | ady-new[r]!=ady-old[i rehom b; rehun 1; vord input (int, i) e Cont 22" Enter 1 if the corresponding router the adjacent to.

souter" 22 (Char) ('A'+j') 22" elles enter 99; Kendle tor (9nt P=0; PLn; P++) · if (9)=9) cont<< (chan) (A'+1) << ""; Cout << " In Enter matrix: "; for (P=0; lcn; P+1) ef (== 9) hable-new [P] = 0; cin>> hable _ hew[i]; adj-new [7] = (ulian) ('A'+1);

> vord dis play () l cont <= ", Destination Router:"; 33. tollande.

Porthibha. R Page No. BM 1892074 Expt. No..... for (int p=0; 12n; 1++) cont << (chan) (1+1) / / 11111 tor (1=0; icn itt contecade Flut 17 KZ " ". contex" | n Hoplant:"? tox (8=0; PKN, 1+1) cont thable new [9] ["", vold bulld (Puti)! tor (9nt 1=0; P<n; P++) tor (int k = 0; (i) = 1) & (k ch); k+)

rf (hable - old [i] = 99) if (table-new [i] + 9 [1], rable=new [x]; andy-new [x] = (char) ('A'+i); 9 [10]; Nord build_hable () Ent 9=0, 9=0; mulie (1)=n) 9=6,12n;1+t/ if (1,8[r]. equal()) Teacher's Signature:

for (9=6,1 Ln; 1++)

Prathi bha.R Date 18M184074 Expt. No. Page No. Vold main (). cont < " Enter the number the routers (K" < max < ? for [Put 1°= v; l \ n; l++)

I [i]. I upul (P);

bulld-belste ();

for (r'= v; l \ n; l++).

Teacher's Signature: