6. Take an example subnet of hosts and obtain a broadcast tree for the subnet.

#include<stdio.h>

#include<conio.h>

void main()

{

int a[10][10],n;

int i,j,root,k;

printf("Enter no: of nodes:");

scanf("%d",&n);

printf("Enter adjacent matrix\n");

for(i=1;i<=n;i++)

{

for(j=1;j<=n;j++)

{

printf("Enter connecting of %d>%d:",i,j);

scanf("%d",&a[i][j]);

}

}

printf("Adjacent node of root node::\n");

scanf("%d",&k);

for(j=1;j<=n;j++)

{

if(a[k][j]==1||a[j][k]==1)

printf("%d\n",j);

}

printf("\n");

for(i=1;i<=n;i++)

{

if((a[k][j]==0) && (a[i][k]==0) && (i!=k))

printf("%d",i);

}

}

A picture containing text

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