**PROGRAM FOR TOPO SORT IN JAVA:**

import java.util.Scanner;

class topo

{

int n;

int A[][]=new int [10][10];

int indeg[]=new int [10];

public void read\_data()

{

int i,j;

Scanner in=new Scanner(System.in);

System.out.println("Enter The No. of Vertices:");

n=in.nextInt();

System.out.println("\nEnter The Adjecency Matrix:\n");

for(i=0;i<n;i++)

{

for(j=0;j<n;j++)

{

A[i][j]=in.nextInt();

}

}

}

public void find\_indeg()

{

int i,j;

for(j=0;j<n;j++)

{

int sum=0;

for(i=0;i<n;i++)

{

sum+=A[i][j];

}

indeg[j]=sum;

}

}

public void topo\_sort()

{

int u,v;

int t[]=new int[10];

int s[]=new int[10];

find\_indeg();

int top=-1;

int i,k=0;

for(i=0;i<n;i++)

{

if(indeg[i]==0)

{

s[++top]=i;

}

}while(top!=-1)

{

u=s[top--];

t[k++]=u;

for(v=0;v<n;v++)

{

if(A[u][v]==1)

{

indeg[v]--;

if(indeg[v]==0)

{

s[++top]=v;

}

}

}

}

System.out.println("The Topo Sort is: \n");

for(i=0;i<n;i++)

{

System.out.println( t[i]);

}

}

};

class Topo

{

public static void main(String args[])

{

topo t=new topo();

t.read\_data();

t.topo\_sort();

}

}

**OUTPUT**:

Enter The No. of Vertices:

4

Enter The Adjecency Matrix:

0

1

1

0

0

0

1

1

0

0

0

1

0

0

0

0

The Topo Sort is:

0

1

2

3