```
C topological_source_removal.c X C bfs_nodes.c
C topological_source_removal.c
      /*Write program to obtain the Topological ordering of vertices in a given digraph using Source Removal method*/
      #include <stdio.h>
      int main()
      int i,j,k,n,a[10][10],indegree[10],flag[10],count=0;
      printf("Enter the No: of Vertices:\n");
      scanf("%d",&n);
      printf("Enter the Adjacency Matrix:\n");
      for(i=0;i<n;i++)
      for(j=0;j<n;j++)
      scanf("%d",&a[i][j]);
      for(i=0;i<n;i++){
              indegree[i]=0;
              flag[i]=0;
          for(i=0;i<n;i++)
               for(j=0;j<n;j++)
                  indegree[i]=indegree[i]+a[j][i];
          printf("\nThe topological order is:");
          while(count<n){
               for(k=0;k<n;k++){
                  if((indegree[k]==0) && (flag[k]==0)){
                      printf("%d ",(k+1));
                      flag [k]=1;
                  for(i=0;i<n;i++){
                      if(a[i][k]==1)
```

indegree[k]--:

