Topological ordering:

```
#include <stdio.h>
int temp[10], k = 0;
       if (indegree[i] == 0)
           indegree[i] = 1;
           temp[++k] = i;
              if (a[i][j] == 1 && indegree[j] != -1)
                   indegree[j]--;
roid main()
   int i, j, n, indegree[10], a[10][10];
   printf("enter the number of vertices:");
       indegree[i] = 0;
   printf("Enter the adjacency matrix\n");
           scanf("%d", &a[i][j]);
           if (a[i][j] == 1)
               indegree[j]++;
   topo(n, indegree, a);
```

OUTPUT:

```
User@PRATHIKSHA /c/ada lab
$ cd "/c/ada lab/" && gcc topological_ordering.c -o topological_ordering && "/c/ada lab/"topological_ordering
enter the number of vertices:4
Enter the adjacency matrix
0 1 1 0
0 0 0 1
0 0 0 0
Topological ordering is:
v1 v2 v3 v4
```