Write program to obtain the Topological ordering of vertices in a given digraph.

#include <stdio.h>

```
#include <stdlib.h>
#define MAX 100
int main() {
   printf("Enter number of vertices: ");
   printf("Enter number of edges: ");
   int adj[MAX][MAX] = \{0\};
   int indegree[MAX] = {0};
   printf("Enter edges (from to):\n");
```

```
int u, v;
   adj[u][v] = 1;
   indegree[v]++;
   if (indegree[i] == 0)
printf("Topological Order: ");
   printf("%d ", u);
```

```
for (int v = 0; v < n; v++) {
       if (adj[u][v]) {
           indegree[v]--;
           if (indegree[v] == 0)
               queue[rear++] = v;
printf("\n");
```

OUTPUT

```
Enter number of vertices: 6
Enter number of edges: 5
Enter edges (from to):
5 2
1 6
2 3
1 4
3 1
Topological Order: 0 5 2 3 1 4
PS C:\Users\Admin>
```