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

```
def main():
    n = int(input("Enter the number of vertices: "))
    count = 0
    c = [[0 for _ in range(n)] for _ in range(n)]
    indeg = [0] * n
    flag = [0] * n
    i, j, k = 0, 0, 0

    print("Enetr the cost matrix (row by row):")
    for i in range(n):
        row = input().split()
        for j in range(n):
            c[i][j] = int(row[j])

    for i in range(n):
        for j in range(n):
            indeg[i] += c[j][i]
    print("The Topological order is :")
    while count < n:
        for k in range(n):
            if indeg[k] == 0 and flag[k] == 0:
                print(f"{k+1:3}", end="")
                flag[k] == 1
                count += 1
                for i in range(n):
                    if c[k][i] == 1:
                        indeg[i] -= 1
    return 0
if __name__ == "__main__":
    main()
```

```
ouput:
Enter the number of vertices: 5
Enetr the cost matrix (row by row):
0 0 1 0 0
```

```
0 0 1 0 0
0 0 0 1 1
0 0 0 0 1
0 0 0 0 0
The Topological order is :
  1  2  3  4  5
```