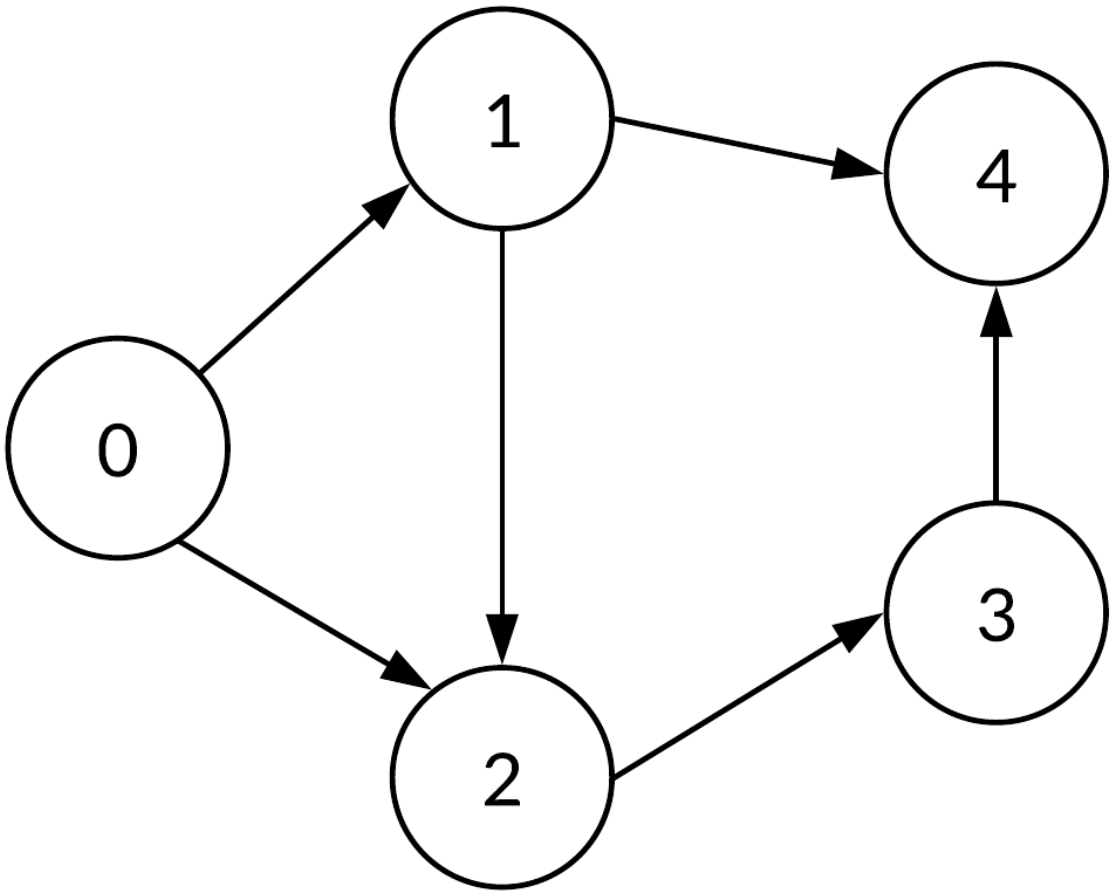
```
Enter the no of nodes:
 5
Enter the adjacency matrix:
0
1
1
0
0
0
0
0
1
1
0
0
0
1
0
0
0
0
0
1
0
0
0
0
0
The topological sequence is:
node 1->node 3->node 2->node 4->node 5->

------------------
(program exited with code: 0)
```




Adjacency Matrix

| | 0 | 1 | 2 | 3 | 4 |
|---|---|---|---|---|---|
| 0 | 0 | 1 | 1 | 0 | 0 |
| 1 | 0 | 0 | 1 | 0 | 1 |
| 2 | 0 | 0 | 0 | 1 | 0 |
| 3 | 0 | 0 | 0 | 0 | 1 |
| 4 | 0 | 0 | 0 | 0 | 0 |

```
Enter the no of nodes:
 5
Enter the adjacency matrix:
0
1
1
0
0
1
0
1
0
0
0
0
0
0
0
0
0
0
1
0
1
0
0
0
0
0
Cycle detected! not possible


------------------
(program exited with code: 0)
```

1
2
3
4
5