```
 Enter the number of vertices:4

 Enter the number of edges:4

 Enter the end vertices of edge 1:1
3

 Enter the end vertices of edge 2:2
4

 Enter the end vertices of edge 3:2
1

 Enter the end vertices of edge 4:4
2
```

```
 Matrix of input data:
0        0        1        0
1        0        0        1
0        0        0        0
0        1        0        0

 Transitive closure:
0        0        1        0
1        1        1        1
0        0        0        0
1        1        1        1
```