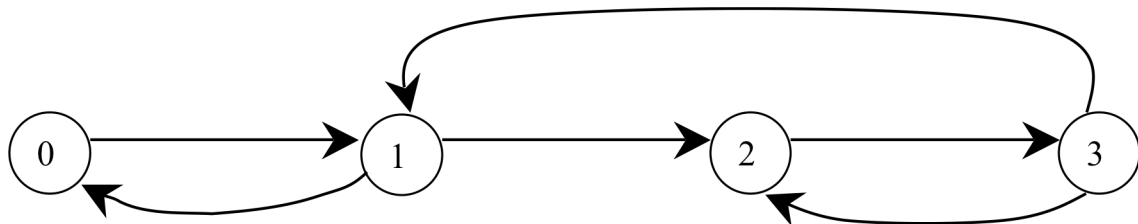**COS 435, Spring 2009**
Graphs for Problem Set 3, Problem 1

Input for your programs. We are providing a simple text file for each graph. The first line of the file contains the number of nodes. Each successive line lists one edge by listing the node at which the edge starts followed by the node to which the edge goes. Nodes are numbered 0 to n-1. The input file contents are shown below each graph.
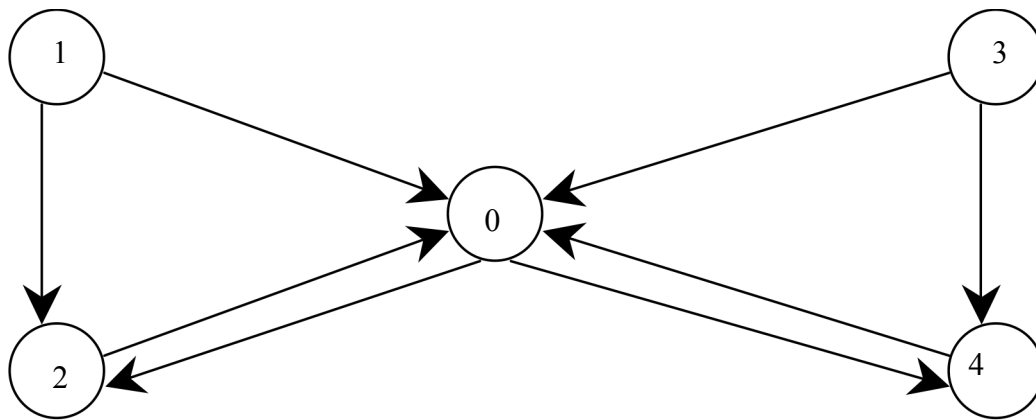

Graph 1

File HW3_graph1.txt:
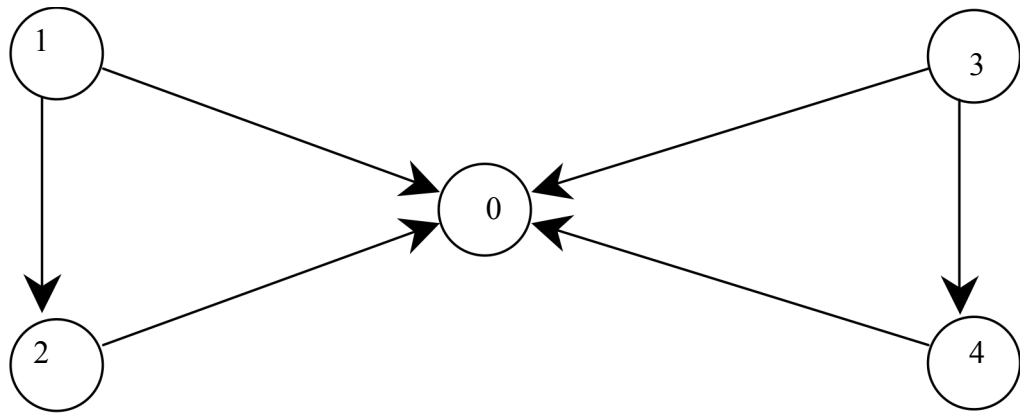
```
4
0  1
1  2
1  0
2  3
3  1
3  2
```

Graph 2

File HW3_graph2.txt:

```
5
0  2
0  4
1  2
1  0
2  0
3  0
3  4
4  0
```

Graph 3

File HW3_graph3.txt:

```
5
1 2
1 0
2 0
3 0
3 4
4 0
```