- 1 Show the graph associated with the matrix A whose pattern is shown on the right
- 2 Find a BFS ordering of the graph starting from node 1.
- 3 Read about the Cuthill Mc-Kee (CMK) ordering in the notes [a trivial variant of BFS]. Find the CMK ordering for A.

The reverse CMK ordering lists the nodes in the CMK ordering backward Show the adjacency graph and the corresponding matrix B reordered by the *reverse* Cuthill McKee ordering.