# Finals

## Project networks

### Pseudo code for a)

The program code is in the assignment\_1.mlx file.

Program output for a)  
 5 7 10 11 1 3 4 6 8 2 9 12

Method and pseudocode for b)

If, after processing all nodes in the queue, the number of nodes in the ordering list is less than the total number of nodes a cycle exists in the graph.

if length of ordering ≠ num\_nodes then

print "The project network has a cycle, and it is impossible to complete the tasks.";

else

print ordering;

end if;