# Lab 8 Graph Lab\_Number\_2

# Week beginning 19/11/2018

## Graph (continued)

1. Complete the code for MatrixGraph.

2. Do the exercises on graphs and check that you understand breadth-first traversal and depth-first traversal.

3. Implement breadth-first traversal and depth-first traversal for MatrixGraph.

For breadth-first traversal, use enums for status of vertex: not\_visited, visited, waiting:

**private enum** State {  
 VISITED, NOT\_VISITED, WAITING  
}

Use enums also for depth-first traversal.