

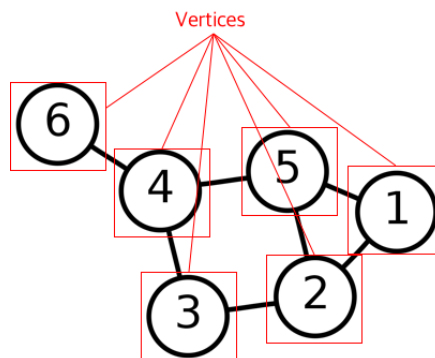
# CSC373 Worksheet 4 Solution

August 3, 2020

## 1. Notes:

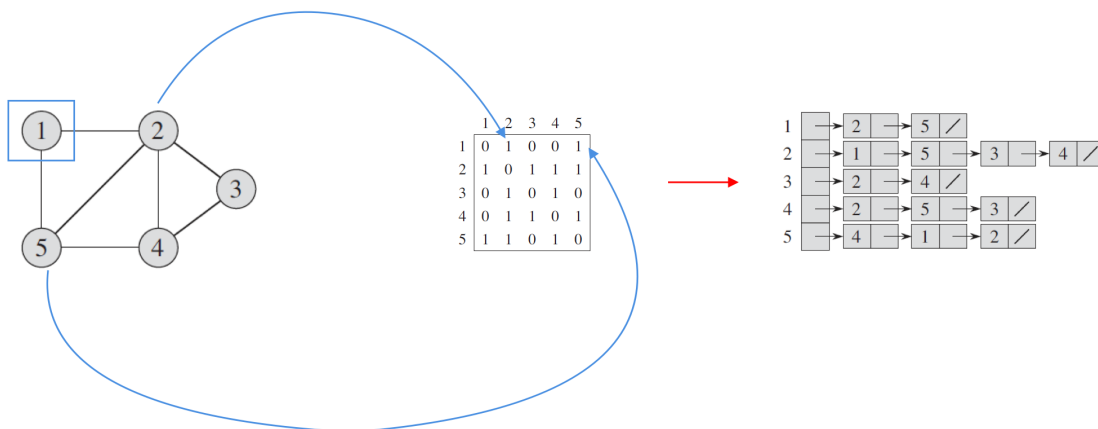
### • Vertex

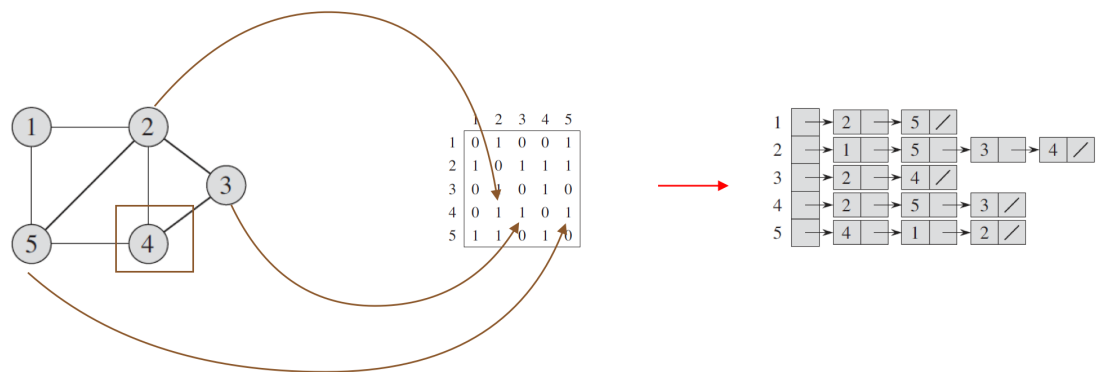
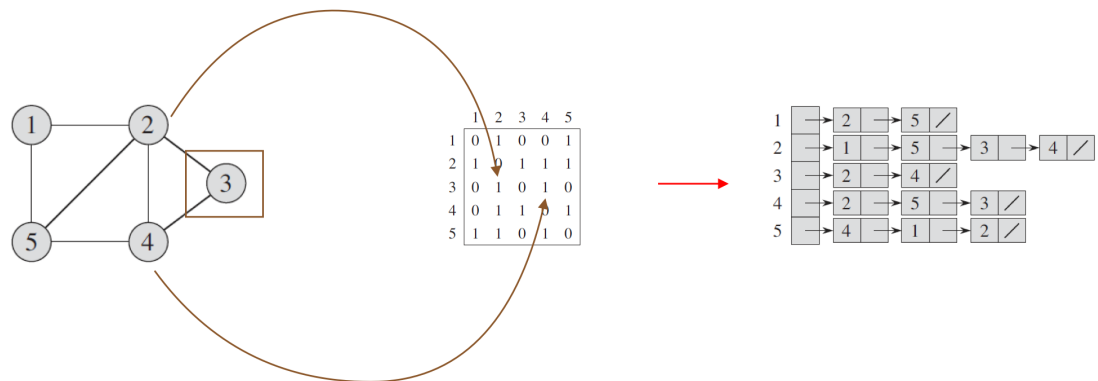
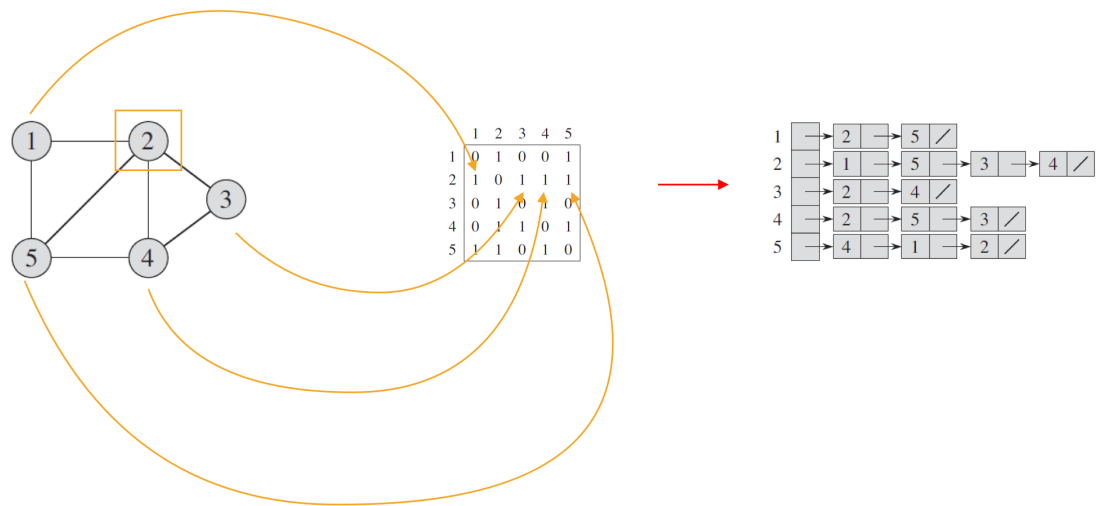
- Is a fundamental unit of which graphs are formed
- Also means node

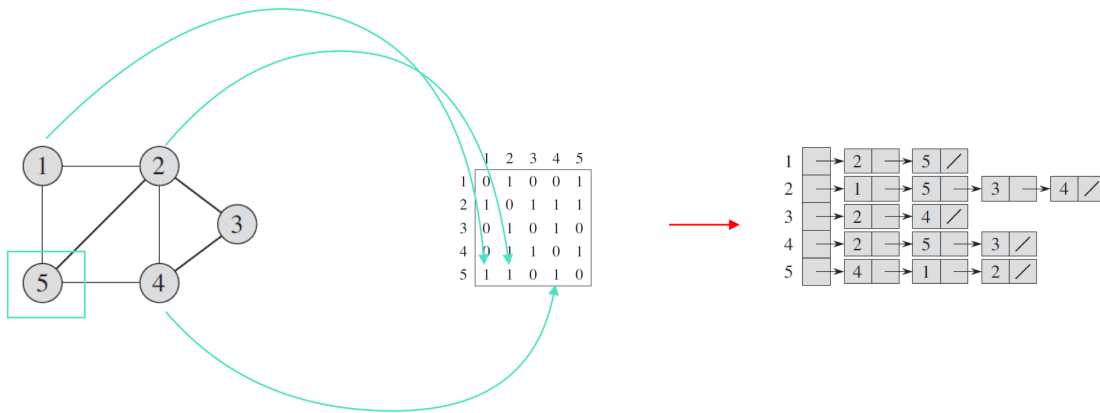
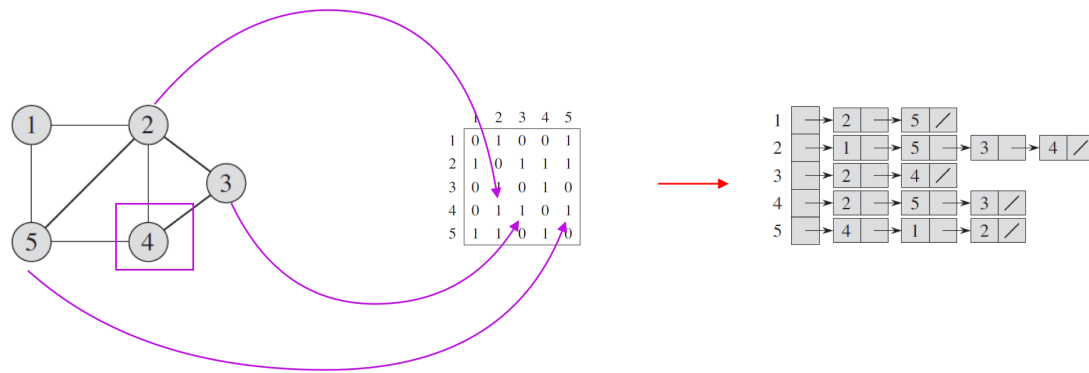


### • Adjacency-list Representation

- Associates each vertex in a graph with the collection of its neighbouring vertices or edges







### • Directed graph

- Is a graph that is made up of a set of vertices connected by edges, where the edges have a direction associated with them

