

Session 08: Graphs

Intended Learning Outcome:

To be able to explain:

1. The fundamental concepts and terminology used in graph theory.
2. A range of different applications of graphs.
3. The principles of different realisations of graphs and explain their pros and cons.
4. The traversal algorithm *Depth First Search*.
5. The traversal algorithm *Breath First Search*.

Readings:

Carrano: ch. 29, pp. 841 – 853 and ch. 29, pp. 871 - 874

Exercises:

See exercise 1 and exercise 2.