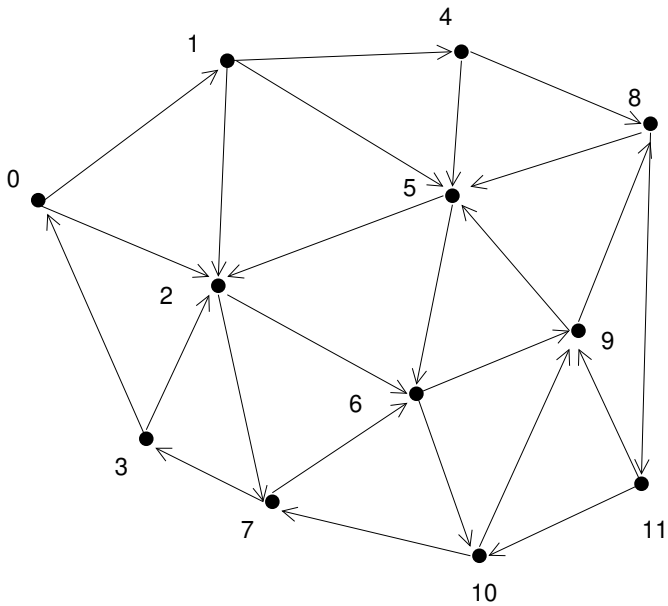


Chapter 4, Graphs:

- ▶ Concepts and implementation (Monday)
- ▶ Traversal (**Today**)
- ▶ Minimum spanning trees (Friday and next week Monday)
- ▶ Single-source shortest paths (next week)

Today:

- ▶ Finish talking about graph implementation
- ▶ Traversal problem and intuition
- ▶ BFT and DFT similarities and differences
- ▶ Analysis



Coming up:

Do **heaps and priority queue** project (*suggested by Wed, Sept 28*)

Do **bit vector and N-set** project (*suggested by Fri, Sept 30*)

Due **Fri, Sept 30** (*end of day*) (*but spread it out*):

Read Section 4.(1–3)

Do Exercises 4.(26–29)

Take graph quiz

Due **Mon, Oct 3** (*class time*)

Read Section 4.4

Do Exercises 4.(39, 41, 42)

Take MST quiz