DAPS&CO
Social Network Analysis

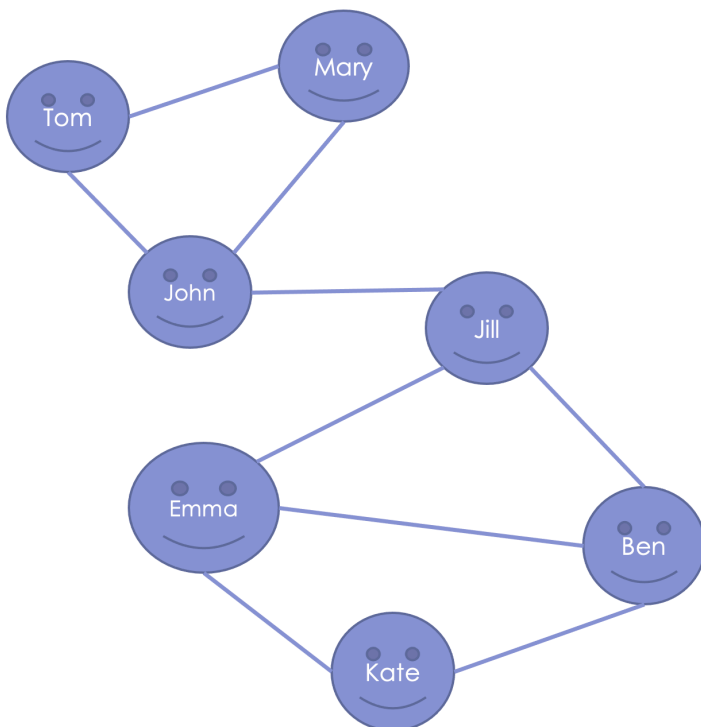**Instructor:** Robert Fahey <<u>robfahey@aoni.waseda.jp</u>>

Assignment 2   18 Oct 2022 (Tue)

Assignment Details:

Shown below is an example of an **undirected social network**.

Look at this network and answer the following questions:

1) What is the **Network Size**?

2) What is the **Network Diameter**?

3) What node(s) have the highest **Degree Centrality**? (Can you calculate the number?)

4) What node(s) have the highest **Betweenness Centrality**? (Try to calculate this too.)

5) What node(s) have the highest **Closeness Centrality**? (Calculate this one too!)

Submission:

Email your answers to me (<u>robfahey@aoni.waseda.jp</u>) before the next class (Monday, Oct 24th).