

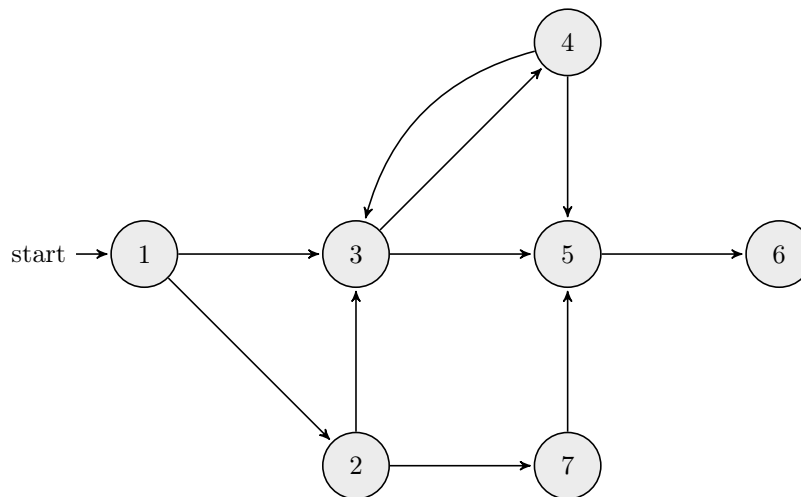
Lecture 12 - In Class Exercise

Goal: Get familiar working with complete paths, simple paths and prime paths.

1 Graph Coverage

Instructions: Work with your neighbors in groups of 2.

Consider the graph, where $N_0 = \{ 1 \}$ and $N_f = \{ 6 \}$:



For the above graph:

1. List all prime paths
2. List all test paths

Note: These two might not always be the same. If a prime path contains a cycle, it will need to be extended out to be a *test path* which means it goes from an initial node to a final node.