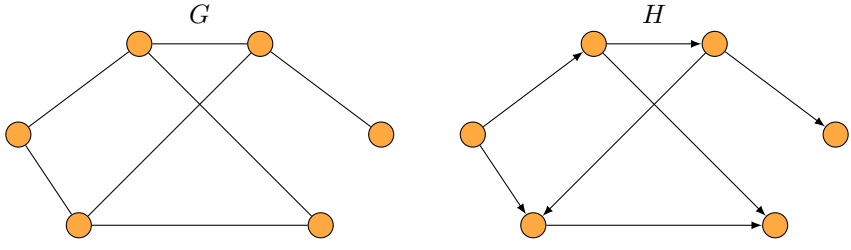
Properties of graphs

We are given an undirected graph G, and a directed graph H that looks like this:



- Do we need to add or remove edges for G to be connected?
- Do we need to add or remove edges for G *not* to be connected?
- Do we need to add or remove edges for G to be a tree?
- Do we need to add or remove edges for G *not* to be a tree?
- Do we need to add or remove edges for H to be a DAG?
- Do we need to add or remove edges for H *not* to be a DAG?
- Do we need to add or remove edges for H to be strongly connected?
- Do we need to add or remove edges for H *not* to be strongly connected?