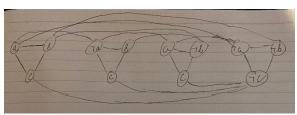
1.

2.

a. See cs412\_np\_3satcheck.py

3.



a.

- b. Determine whether there exist a set of clauses such that no two clauses share a common variable assignment
- c. [A1, B2, C3]

4.

a. See cs412\_np\_independent\_set.py

5.

a.