

CSCI 256: Exercise # 1

Your Name: _____

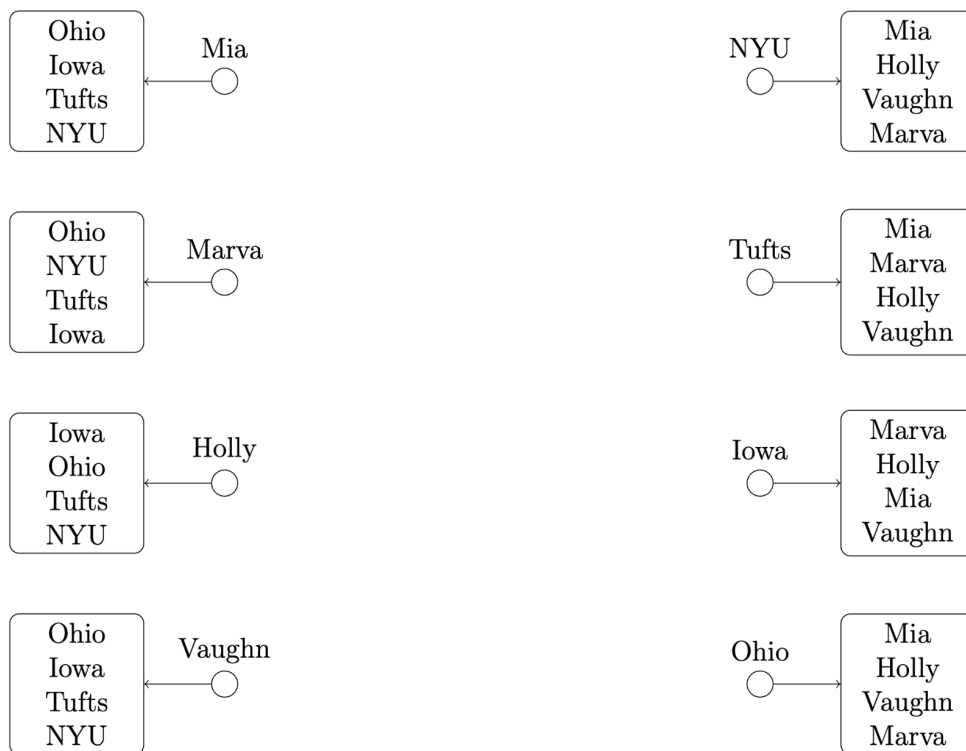
Due: Monday, Sept 14, in class

Assigned reading for this lecture:

- Kleinberg Tardos Section 1.1

Review the definition of Stable Matching and the Gale Shapley Algorithm (G-S) described in Section 1.1 and answer the following question.¹

Problem: Use the Gale-Shapley algorithm to find a stable matching for the following hospitals and students. Write the solution below; no need to show the intermediate steps.



Stable matching output by G-S: _____

¹ Remember that exercises are to be done on your own. Nonetheless, feel free to reach out to TAs or me if you need guidance.