**CPE 372/641 Natural Language Processing**

Homework 2: Tarski’s World

*(First-order logic/ First Order Predicate Calculus)*

Undergraduate Students: Work in pair

Graduate students: work individually but you can discuss with your friends

*Due February 29, 2020 via Piazza*

**Instructions**: For this homework, you will be the one who do the homework (2.12), check the correctness (of meaning) by building a world in Tarski (2.13) and recheck with other worlds (2.14). When you work in pair, you should help each other in doing this. ***The deliverables include the following in one pdf file.***

* Screen shot of translated sentences from Exercise 2.12, checked truth values against the world that you create in Exercise 2.13
* Screen shots of translated sentences from Exercise 2.12, checked truth values against the worlds specified in Exercise 2.14
* Explain the changes you made in your translated sentences for Exercise 2.14. If you did not need to make any changes, explain why.

Please **DO NOT submit world or sen files**. Please name your homework pdf file “hw2xxxxxxxxxxxandxxxxxxxxxxx”(your ids), if you work in pair.





