Homework 3

Instructor: Huijia Lin          TA: Abhabongse (Plane) Janthong, Shiyu Ji

Your name and section go here

Total 180 pts

Part 1 — Propositional Logic (70 pts)
Problems 2, 6, 10, 18, 48 in Section 1.1 in the textbook.

Point assignment: 10 and 48 has 20 pts and all other problems have 10 pts.

Part 2 — More on Propositional Logic (30pts)
Problems 32, 40 in Section 1.2 in the textbook.

Point assignment: 32 have 20 pts and all other problems have 10 pts.

Part 3 — Propositional Equivalence (60pts)
Problems 6, 10, 18, 26, 40, 44 in Section 1.3 in the textbook.

Part 4 — Propositional Inference (20pts)
Problems 2, 4 in Section 1.6 in the textbook.