

# Logic 1

15rd April 2021

## Week 1

This week we will try to cover some important notions in Logic and study them for Propositional Logic.

### Assignment

1. Read Reading3.pdf
2. Solve all exercises and propositions in between Reading3.pdf except Exercise 0.1 on Page 10, Exercise 1.2 on Page 14 and Corollary 0.3 (b). Also for Proposition 0.1 on Page 7, solve as much as tie permits. It is not easy to get them all in one go.

This weeks exercises are easier so they dont require much help. But if you have some confusion/ face difficulty, just inform me. Also, try not to waste a lot of time on exercises because a number of concepts are there that you need yo understand this week.

With this we will be done with Propositional Logic and almost all important definitions that come in Logic. Next week we will begin with First Order Logic.