Problem Set 3 Chase Hiatt

Problem 1

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1. \neg \neg \exists x \neg F(x) AS for CP

2. \neg F(c) AS for IP

3. \neg \exists x \neg F(x) EG 2

4. \neg \exists x \neg F(x) \land \exists x \neg F(x) CONJ 1, 3

5. \neg \neg F(c) IP 2-4

6. \neg F(c) DNE 5

7. \neg \forall x F(x) UG 7
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8. $\neg \exists x \neg F(x) \rightarrow \forall x F(x)$ CP 1-7

Problem 2