

Nhi Ngoc Hong Pham  
ID: 026078856

Problem 4

- a)  $\forall f \text{ carrier}(f, \text{Tulsa Airlines}) \rightarrow \text{depart}(f, \text{TIA}) \vee \text{land}(f, \text{TIA})$
- c) If there is a number of JetBlue flights that land at LAX airport, then there is the same amount of JetBlue flights that depart from LAX airport.
- b)  $\neg \forall f \text{ carrier}(f, \text{Frugal Airlines}) \rightarrow (\forall c \text{ carrier}(f, c) \rightarrow \exists z \neq f \text{ land}(f, \text{LAX}))$