CS 225 Assignment 1 - Part 3
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Assignment Sets 3.1: 18

18a) ∃s ∈ D such that E(s) ∧ M(s)

18b) ∀s ∈ D, if C(s) then E(s)

18c) ∀s ∈ D, if C(s) then ~E(s)

18d) ∃s ∈ D, such that C(s) ∧ M(s)

18e) (∃s ∈ D, such that C(s) ∧ E(s)) ∧ (∃s ∈ D, such that C(s) ∧ ~E(s))

Assignment Sets 3.2: 2, 4

2) C and F are negations for "All Dogs are loyal."

4a) Some dogs are unfriendly.

4b) Some people are unhappy.

4c) All suspicions were unsubstantiated.

4d) All estimates are inaccurate.