CptS 415 — Assignment-03

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Problem 1: RDF

(20) Consider a set of natural language sentences collected from Web pages.

i. A human can like another human.

ii. A human can have a gender property of a male, female or non-binary.

iii. A human can be the father of another human.

iv. A human can be the mother of another human.

v. A human can be married to another human.

vi. A human can have a BirthYear property of type "xs:Year".

vii. If a human is married to another, then they like each other.

viii. If a human is a mother or father, the human is a parent.

Write a RDF schema and give a graphical presentation to describe these relationships.

Solution:

RDF of the the items.