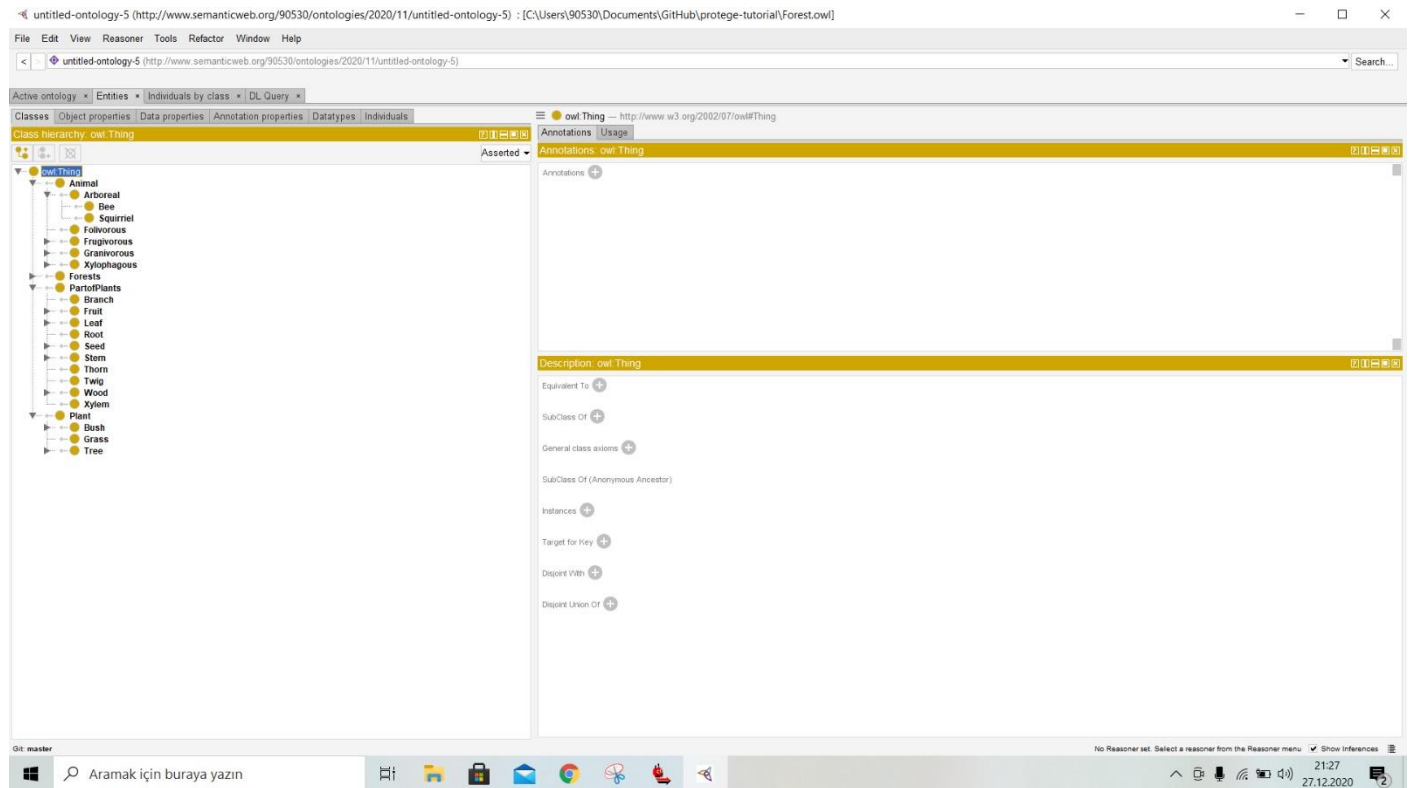
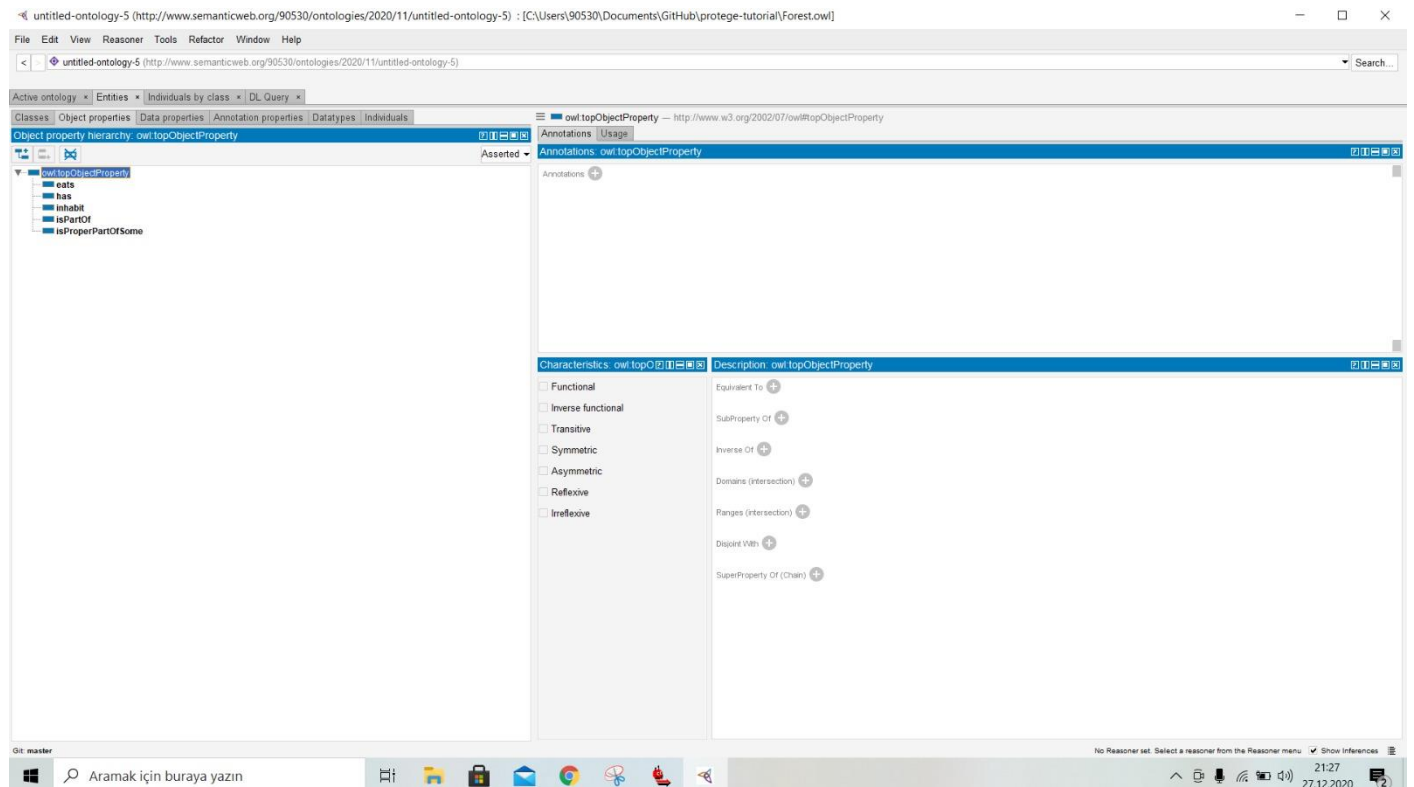


CSE427 – ONTOLOGY ENGINEERING – ASSIGNMENT #2 REPORT

The purpose of ForestsofTurkey ontology is to reveal the relationship between all factors affecting the productivity, life span, spread and diversity of plants in forests of Turkey. Therefore, ontology focused on plants rather than animals in the forest. This ontology has been developed with protege 5.5.0.

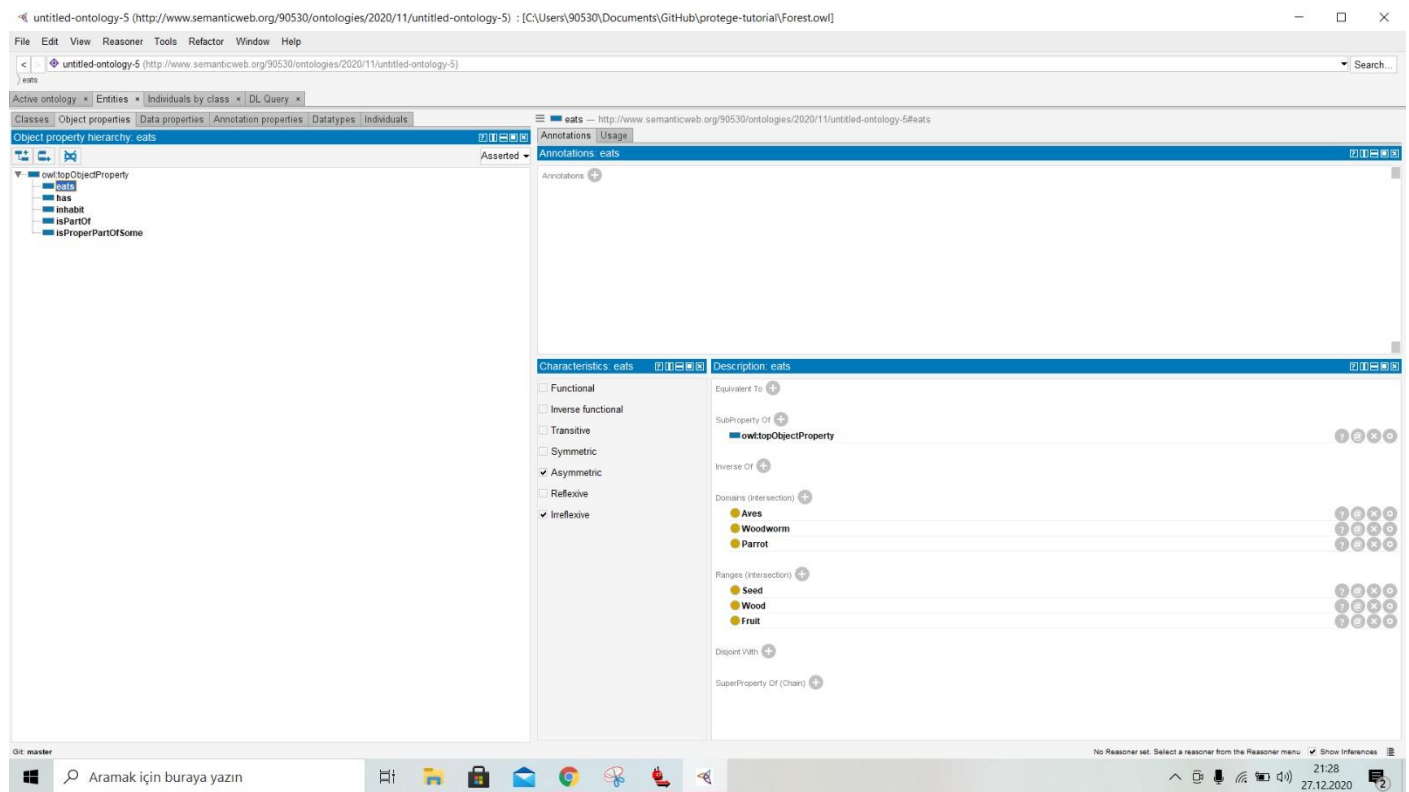


In the first step, appropriate subclasses were added under "Thing". Then subclasses of these subclasses were defined.

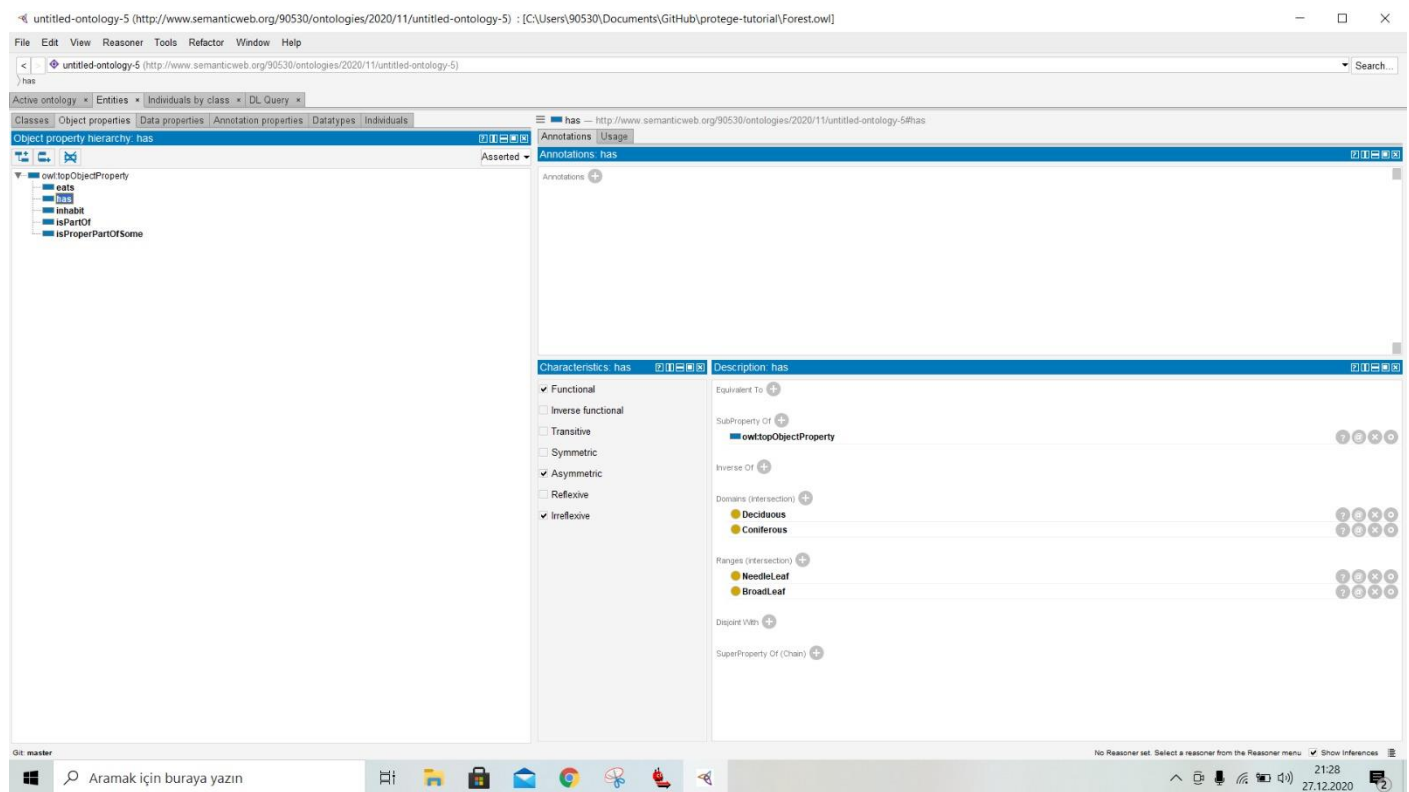


Subclasses were created in order to specify appropriate relation in the object property section.

As seen in the examples below, the characteristics of the properties were selected, then their domains and ranges were determined.



Characteristics, domains and ranges of the "eats" property.



Characteristics, domains and ranges of the "has" property.

