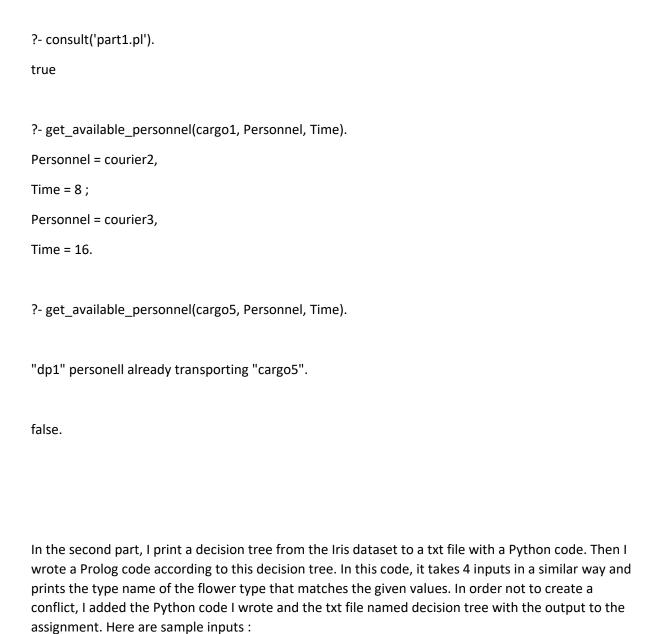
## **CSE 341 Programming Languages Homework-4 Report**

In the first part of the assignment, 3 objects and 5 cargo officers were defined as desired. One of these objects is being carried by a courier and the rest of the objects are idle. My solution method is to find personnel who can carry the desired object and calculate the time it takes for the personnel to pick up the cargo and go to the desired location and then throw it into a list. Then I give the smallest element in the list as output during the query. Some input examples:



?- consult('part2.pl').

true

?- classify(4.9, 2.5, 3.5, 3.5, 1.4).

Iris-versicolor

true .

?- classify(4.9, 2.5, 2.5, 1.5, 0.4).

Iris-setosa

true .

?- classify(6.9, 3.5, 4.5, 4.5, 1.4).

Iris-versicolor

true .

?- classify(5.9, 3.5, 4.5, 4.5, 9.4).

false