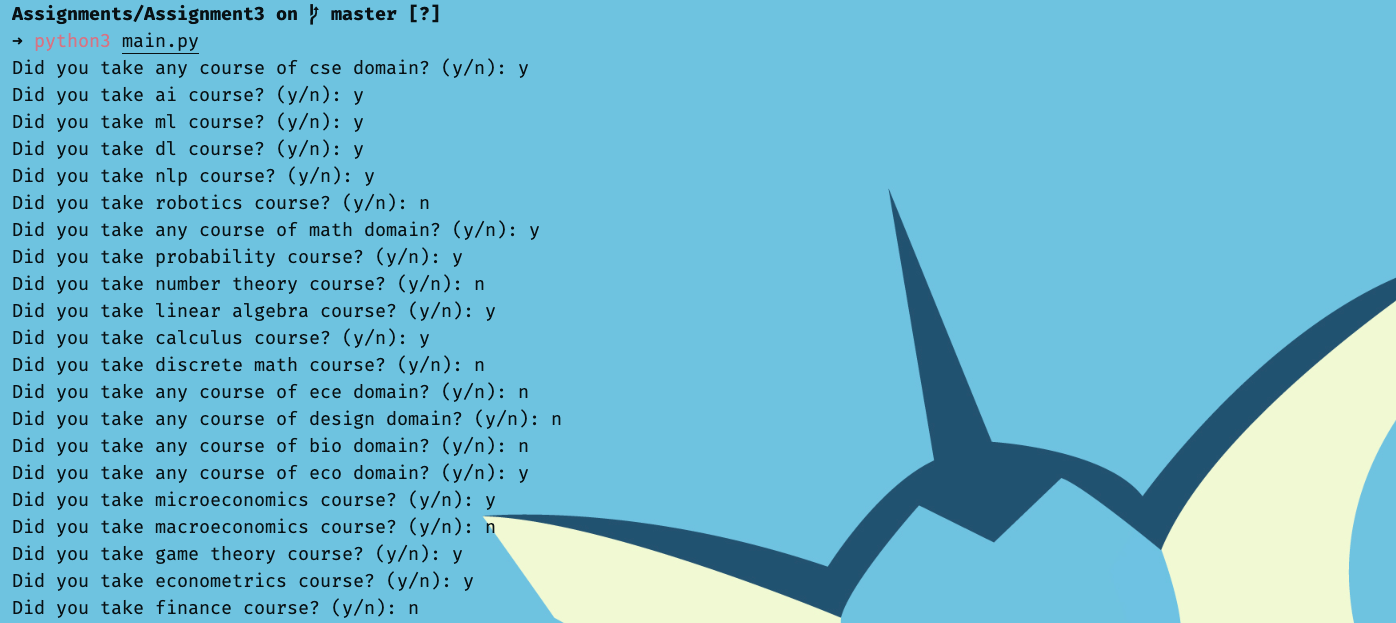
Artificial Intelligence | Assignment 3

Report

* The program uses the durable-rules library available with python.
* The program takes various inputs from the user like the courses done, area of interest of the user and the grades achieved in the courses.
* Using the above parameters, the program suggests the most viable career option for the user at that point in time.
* The program assumes that the user will always enter the correct input.
* The functioning of the program is divided into 3 major parts:
  + Deciding the domain of interest of the user.
  + Deciding the area of interest of the user from the given domains.
  + Deciding the most viable career option for the user.
* The program assumes that the user would have done at least one course from the given list of courses.

# To decide the domain of interest for the user:

* The program first asks the user if it has done courses in a particular domain or not.
* If yes, the user is asked if the user has done some particular courses or not.



* The program does majority voting from the courses to decide the domain of interest of the user.

# To decide the area of interest of the user

* After deciding the domain of interest of the user, the program asks for the area of interest of from the user.
* The area of interest is chosen from the list of interests for the particular domain of interest of the user.



# To decide the career path for the user

* To make the final prediction for the user’s career path, the machine asks the user to enter the average of the grade obtained by him in all the courses he had entered.
* Using that and the information it gathered before, it makes the final prediction of the career path for the user.



# Sample Runs

