CSE341 –Programming Languages(Fall 2021)

Homework #3

By Mehmet Avni ÇELİK

1801042630

You can run the program by the comments below on ubuntu shell:

For Part 1:	**For Part 2:**
Gprolog	Gprolog
[part1_1801042630].	[part2_1801042630].

PART 1:

You can see the rules with the names of *room, instructor, courseEquipment, course, roomEquipment, student.*

If you write the commands below to terminal, the program will work on the way as descripted:

- SchedulingConflict.

This command will show the schedule conflicts.

- CanBeAssign2Class(Course).

This command will show if given course can be assign to a room.

- CanBeAssign2Class.

This command will show if a course can be assign to a room or not.

- StudentEnrollingCheck(Student,Course).

This command will show if a given student can be assign to a given course due to his handicap.

- StudentEnrollingCheck(Student).

  This command will show which student can be assign to which course.

- addRoom.
- addInsructor.
- addCourseEquipment.
- addCourse.
- addRoomEquipment.
- addStudent.

Commands can be used for adding new elements to the system as expected in the assignment.

PART 2:

Part 2 works well, all the requirements are implemented. You can see all the options by pushing ' ; ' after you run the code.