CSE341 – Programming Languages (Fall 2021)

Homework #3 Report

Hasan Mutlu – 1801042673

Part1:

- ➔ Use add_room. to create room. Use add_course to add a course. Use add_student to add a student.
- ➔ All of them must be added with valid and compatible information. Otherwise, entered object will not be added to the system.
- ➔ Scheduling conflicts are already checked when adding new room/course/student. If there is conflict, entered object will not be added to the system.
- ➔ When entering a list of data, (like courses a student takes) enter them one by one and enter stop. to finish entering. Example: "341. 343. stop."
- ➔ Use can_student_enroll(StudentID, CourseID). to see if a student with StudentID can enroll in a class with CourseID.
- ➔ Use can_room_assigned(CourseID, RoomID). to see if a course with CourseID can be assigned in a room with RoomID.
- ➔ Don't use assert() rule to add room, course or student. It might give wrong results.

Part2:

- ➔ route(X,Y,C) – a route between X and Y exists with cost C