Testing all the rules for part 1 and part 2.

PART 1:

Id of the lesson is 102 and z23 is the room that it can be assigned.

Graphical user interface

Description automatically generated

Id of the student is 1002 and 108 is the class that that student can be assigned.

Graphical user interface, text

Description automatically generated

Testing that student with id number 1002 can be assigned to class with id number 108.

Text

Description automatically generated with medium confidence

Assigning a room for the lesson with id number 102.

Graphical user interface

Description automatically generated with medium confidence

Testing add functions for part 1:

Adding a student with id 1004, taking chemistry lesson and handicapped.

Text

Description automatically generated

Adding a course with name math, code: 109, lecturer id: 9004, capacity: 25, has a smart\_board and projector.

Text

Description automatically generated with medium confidence

Adding a room name z45i capacity: 40 and has a smart\_board and a projector.

Graphical user interface

Description automatically generated with medium confidence

For part 2:

Printing all possible moves from Çanakkale to X. Here, since we are recursively calling the route, there can be more than one results for each city, also the cost can change because there can more than one route Canakkale to X which uses different city to arrive there.

Text

Description automatically generated