Scheduling Application User Manual:

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Initializing the Program:

The program runs through use of a .jar file, and depending on your computer's operating system, that jar file will be opened and executed differently.

1) Windows and Mac
    a. To initialize the program, simply double-click on the file icon

2) Linux
    a. In a Linux based operating system, initializing the program will work a little differently. Double-clicking will not open the program, instead you must open it from the command prompt

    b. First, search apps and find the application called Terminal, then open it

    c. Once you have opened the Terminal window, you must specify which directory your jar file of the program is in. This simply means that you are going to map out the path of folders the terminal should follow through in order to be able to find the jar file

        i. This is done by typing in

            cd
            /home/yourUNBCUserName/FirstFolder/NextFolder/FinalFolder/

        and hitting enter

d. Then you will be able to simply call the command needed to open the .jar file
    i. Type in:

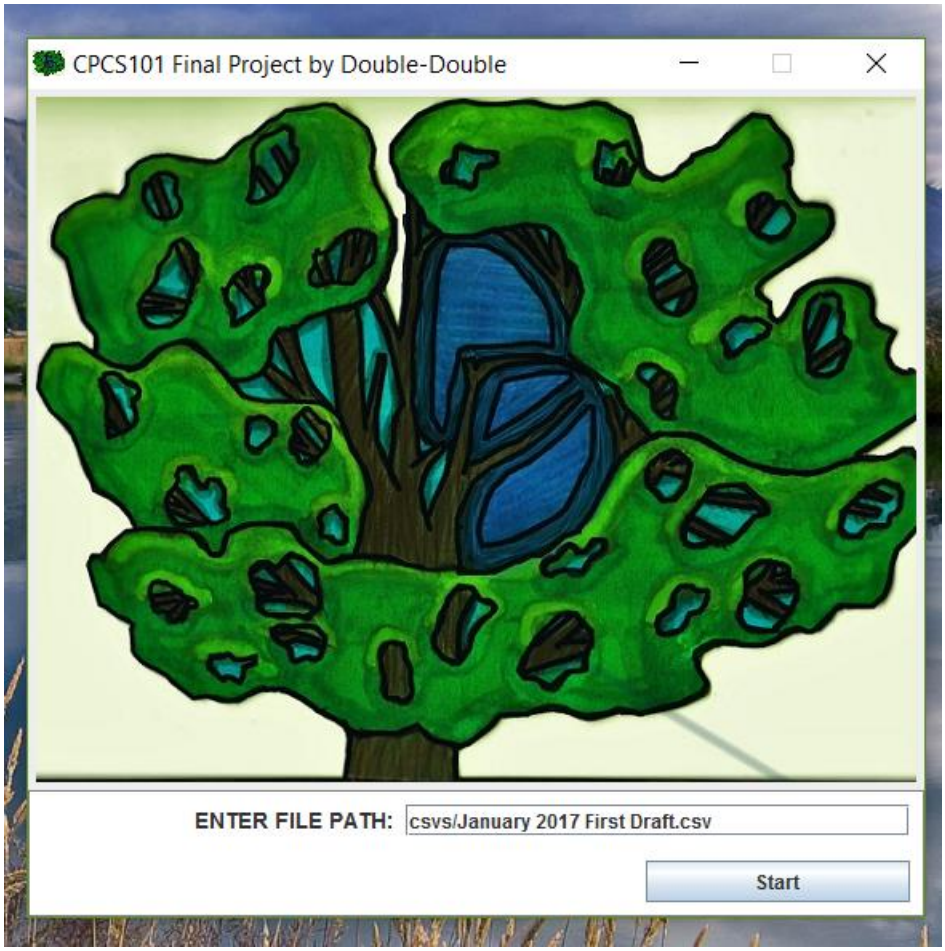
    Java -jar ScheduleApplication.jar

e. The program will then open

Importing a .csv File:

1) Using the default .csv file

   a. When the program first initializes a pop-up window will appear asking for a .csv file.



   b. The “New File” text field is set to the default file path (Draft Schedule January 2017), press the “Start” button to load the file to the program. This may take a few moments.

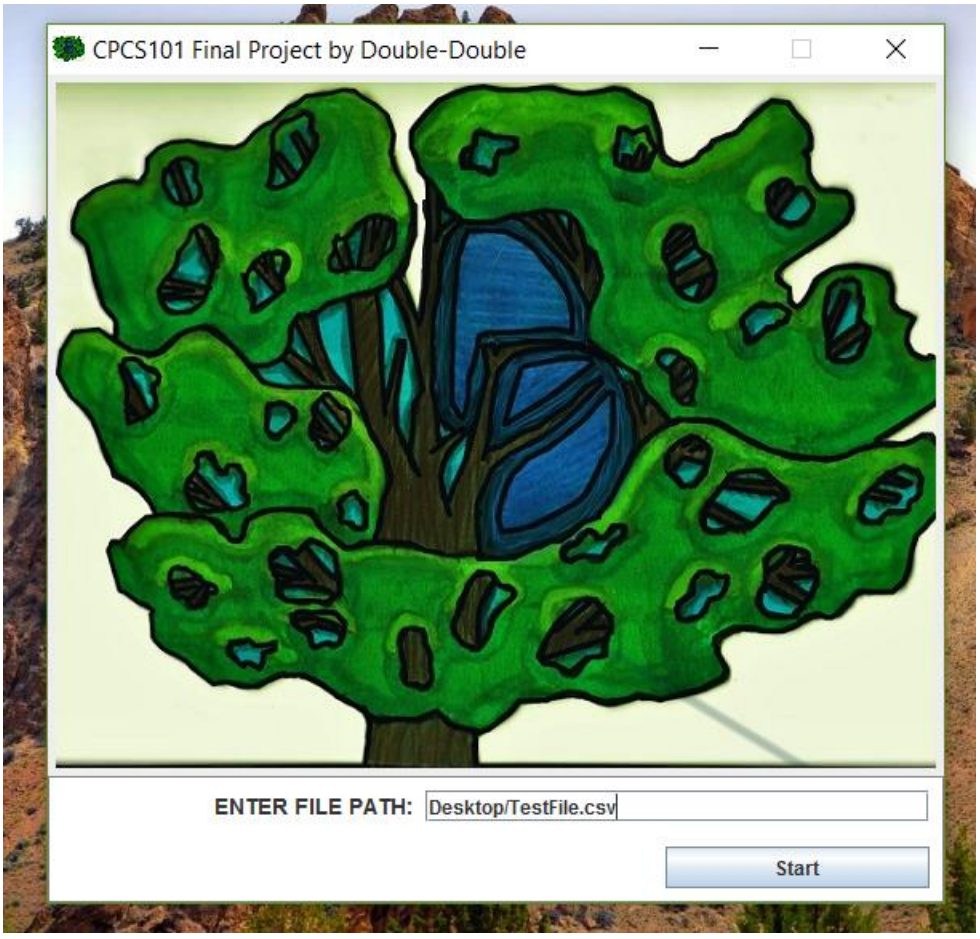
   c. The program will now open to the main window. You are now ready to choose courses to display.

2) To use a new .csv file you must enter the file path into the “New File” text field

   a. A file path is the path of folders in the File Explorer that the program must run through to find a specific file.

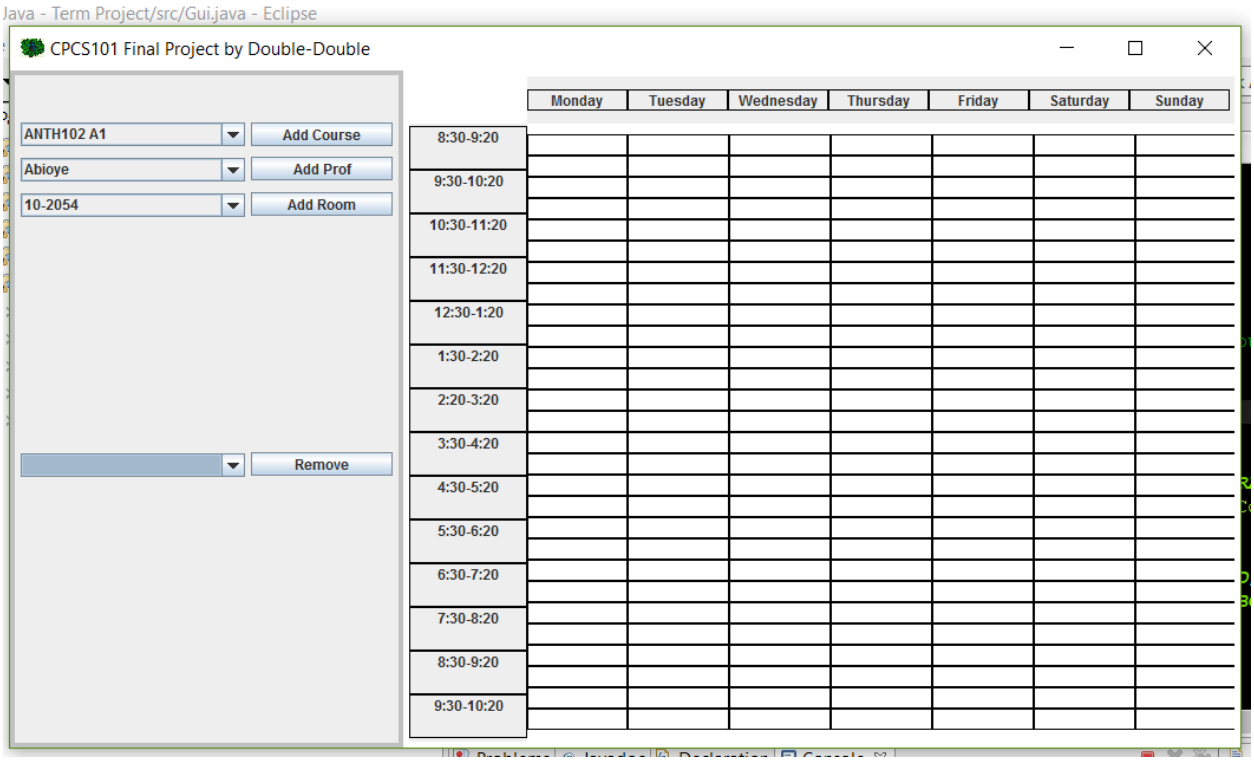
   b. The file path would begin with a reference to a “big” folder such as Desktop, Documents, Pictures, Downloads, etc. The following references will be the order of folders nested inside the “big” folder, leading all the way to the .csv file you wish to import. For example:

      i. /Desktop/Schedule Files/DraftSchedule.csv/
      ii. /Documents/Scheduling/Schedule Files/DraftSchedule.csv/

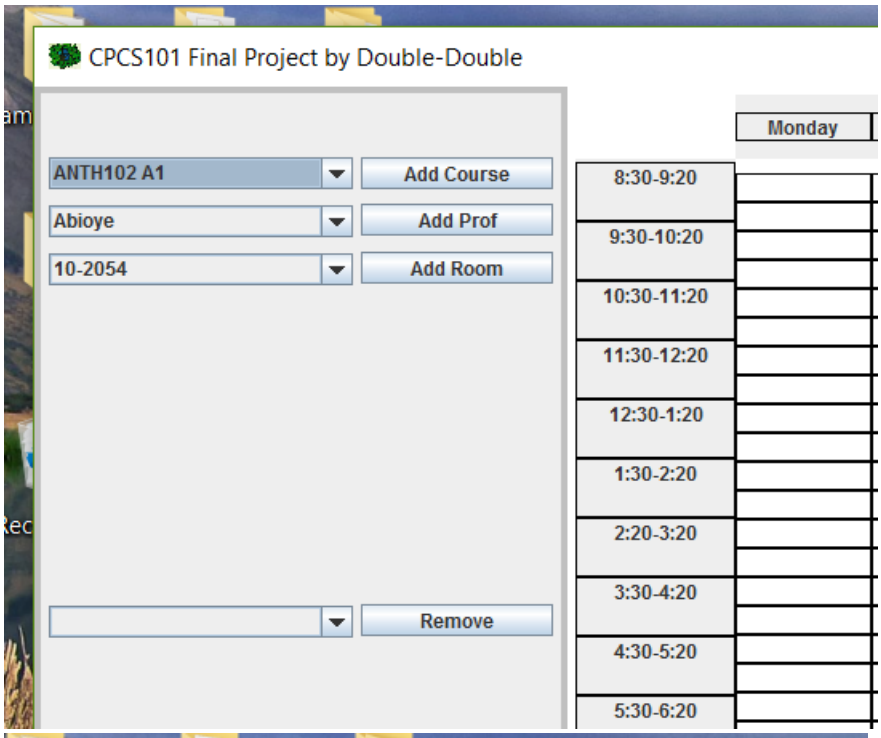


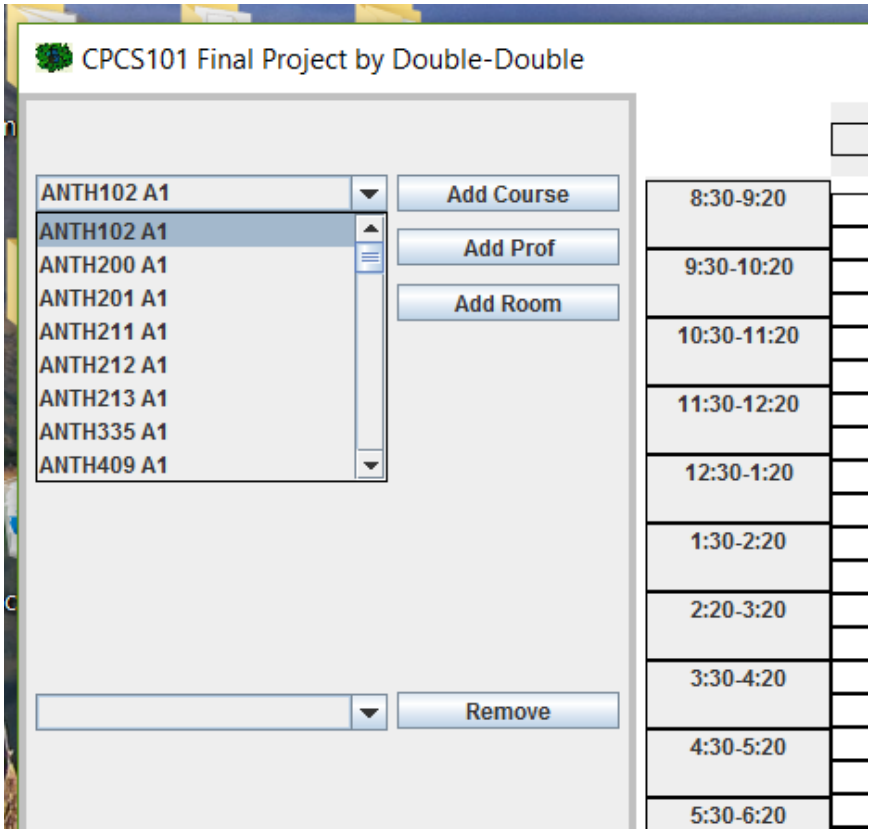
c. After entering the file path, press the “Import” button. The import may take a few moments. After the import has completed, the program will open to the main window. You are now ready to choose courses for display.

Choosing Schedules to Display:

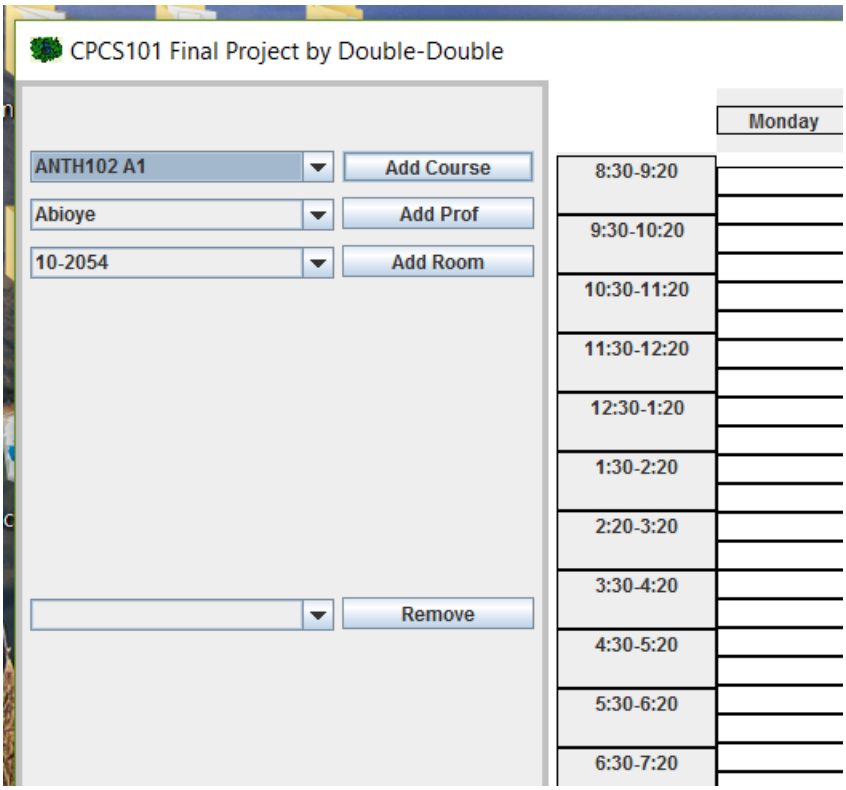


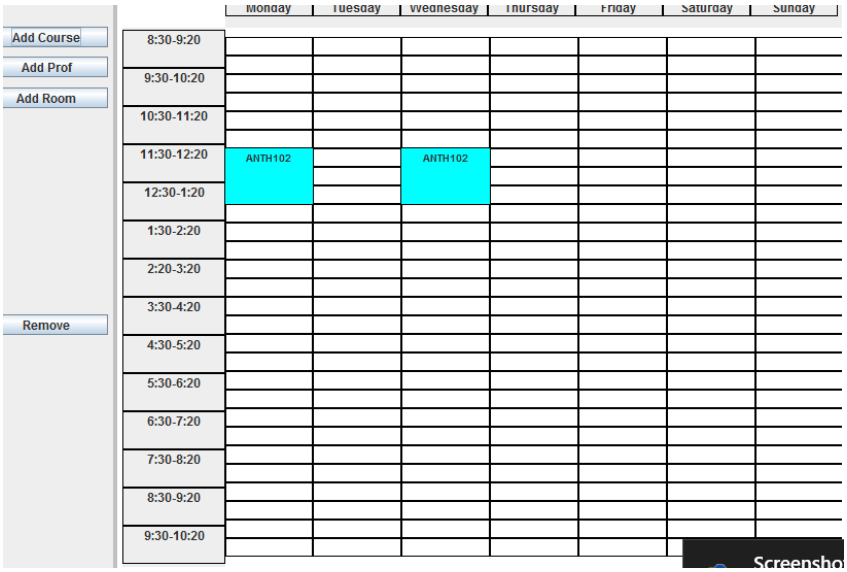
1) To choose a schedule display by picking individual courses:
    a. Click the drop down menu, and select the course you wish to display



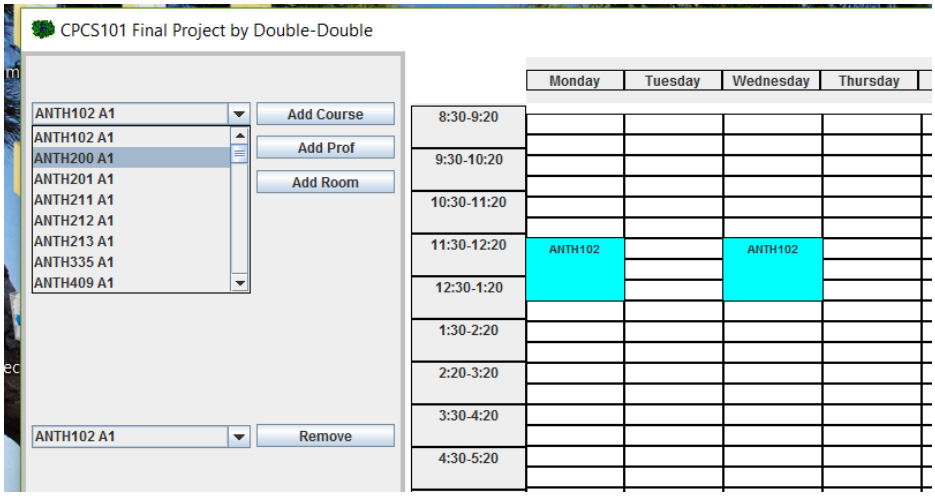


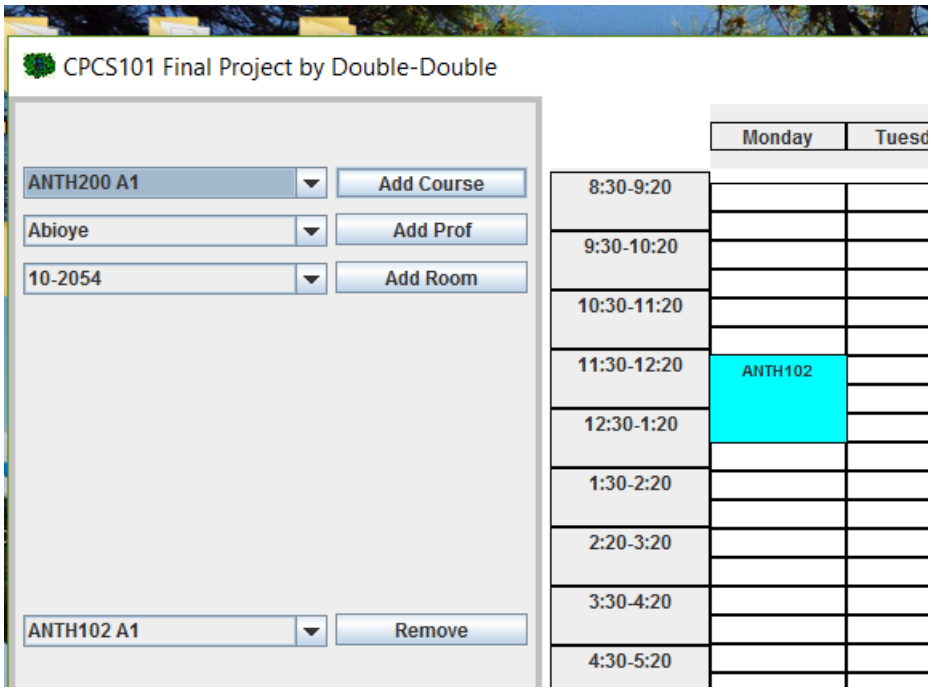
b. Click the “Add Course” button. The course schedule for that course will now be added to the timetable on the right, and the course name will be added to the currently selected items drop down menu below the first three drop-down menus

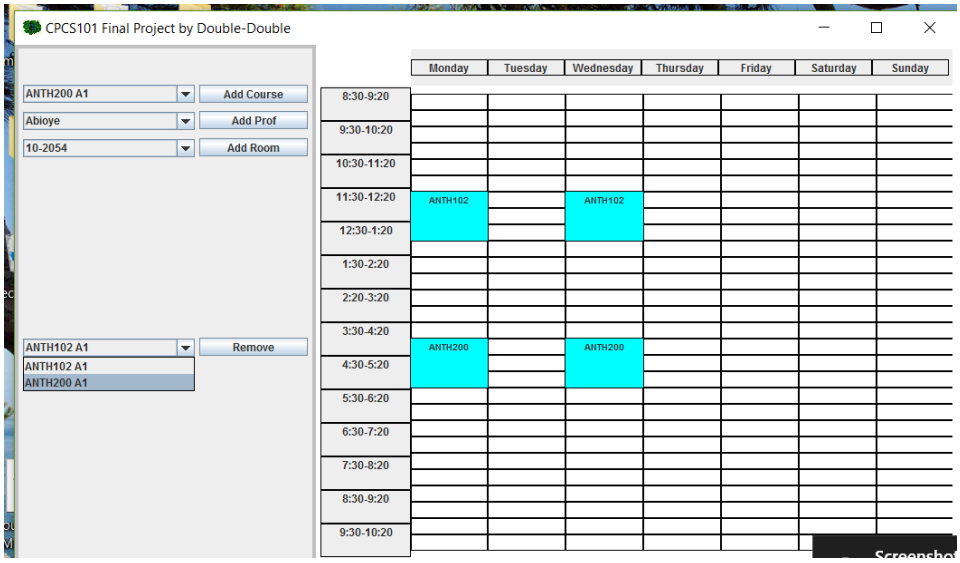




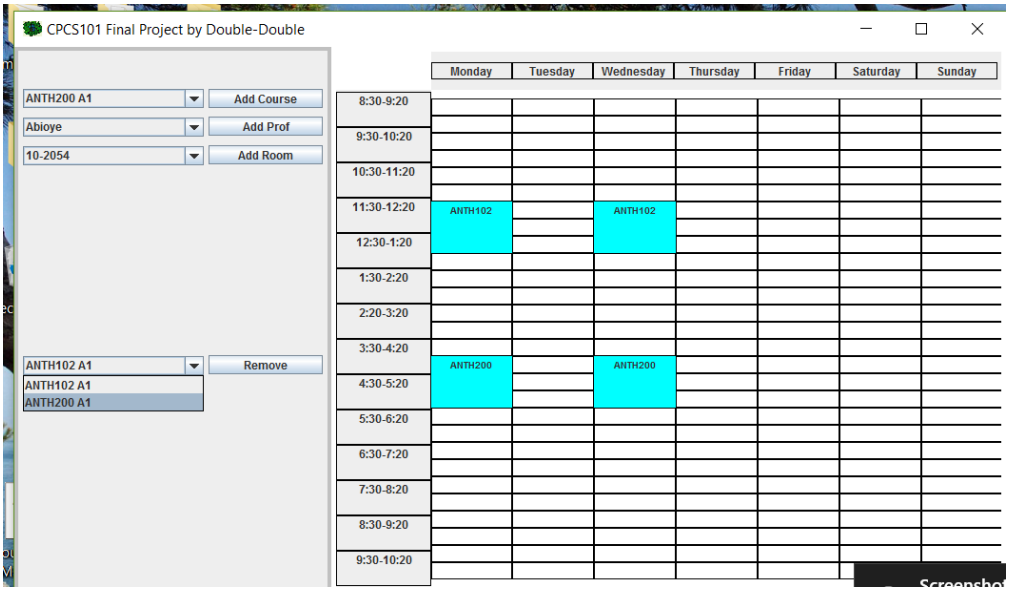
c. To display multiple courses at once, simply continue to add the desired courses in the same way

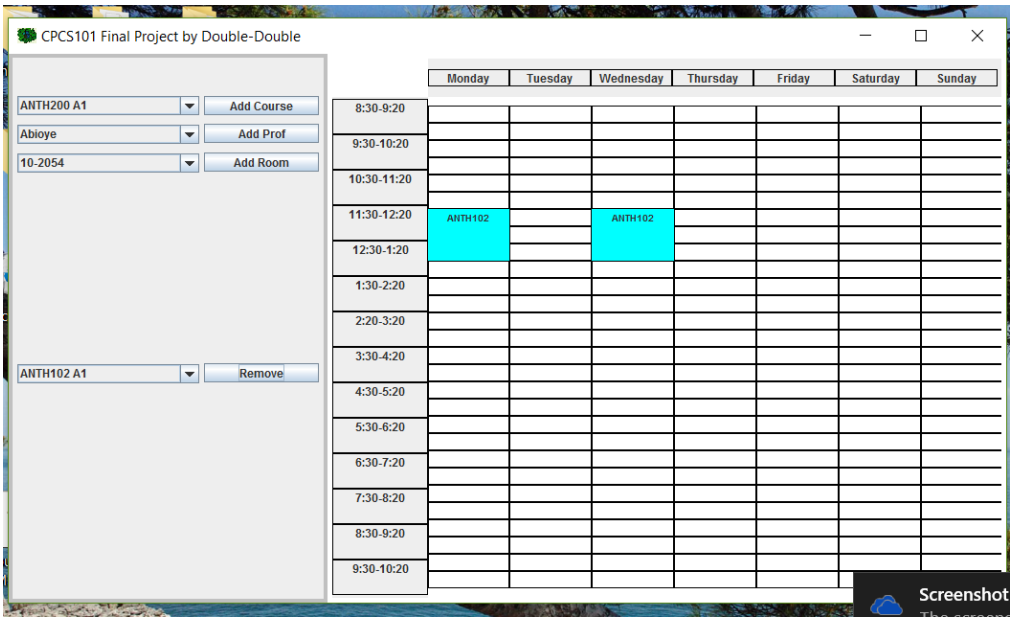




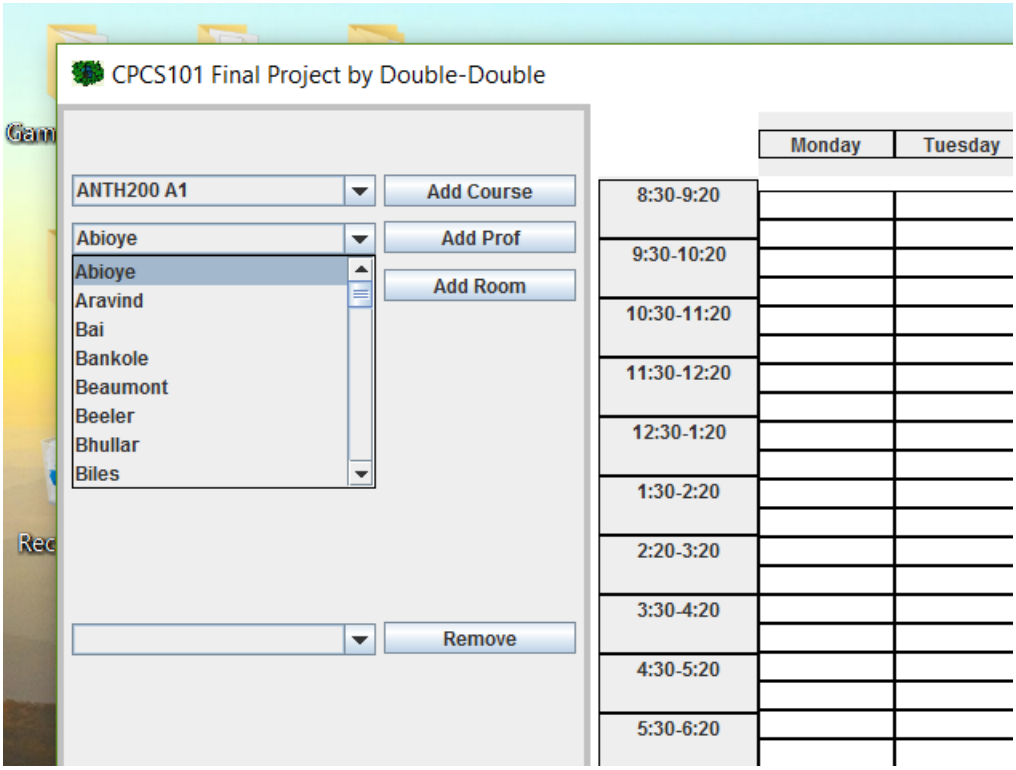

CPCS101 Final Project by Double-Double
ANTH200 A1
Add Course
Abioye
Add Prof
10-2054
Add Room
ANTH102 A1
Remove
ANTH102 A1
ANTH200 A1
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday
Sunday
8:30-9:20
9:30-10:20
10:30-11:20
11:30-12:20
12:30-1:20
1:30-2:20
2:20-3:20
3:30-4:20
4:30-5:20
5:30-6:20
6:30-7:20
7:30-8:20
8:30-9:20
9:30-10:20
ANTH102
ANTH102
ANTH200
ANTH200

d. To remove selected courses, click onto the selected courses drop-down menu, select the course you wish to remove and then click the “Remove” button. This will remove the course schedule from the display, and remove the course name from the currently selected items drop down menu

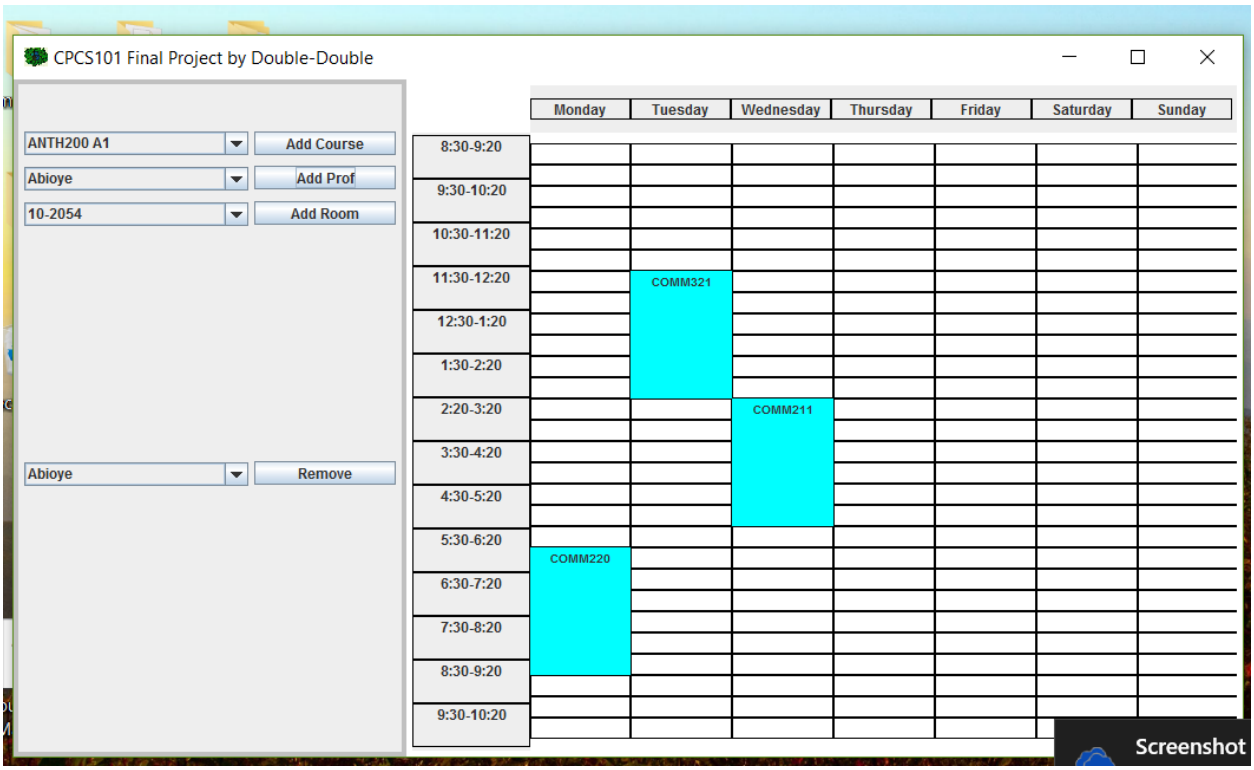




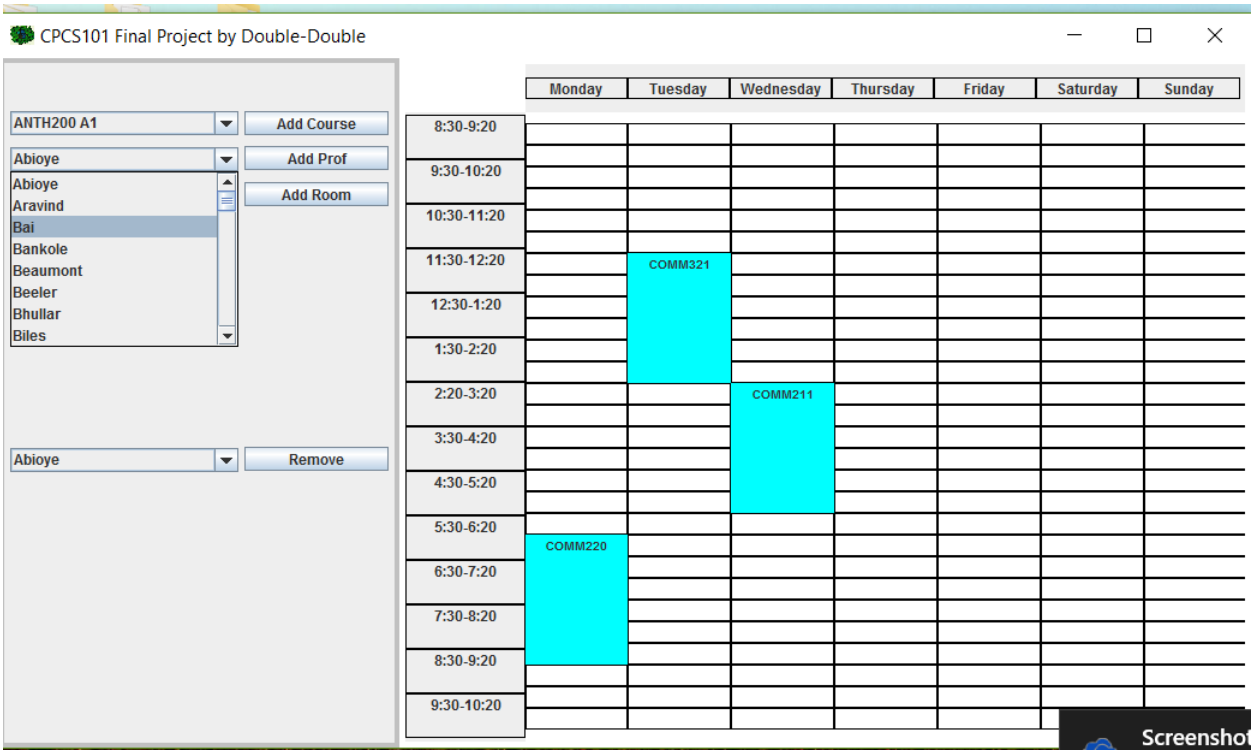
2) To choose a schedule display by professor:
    a. Click onto the professor drop down menu, and select the professor whose schedule you would like to display

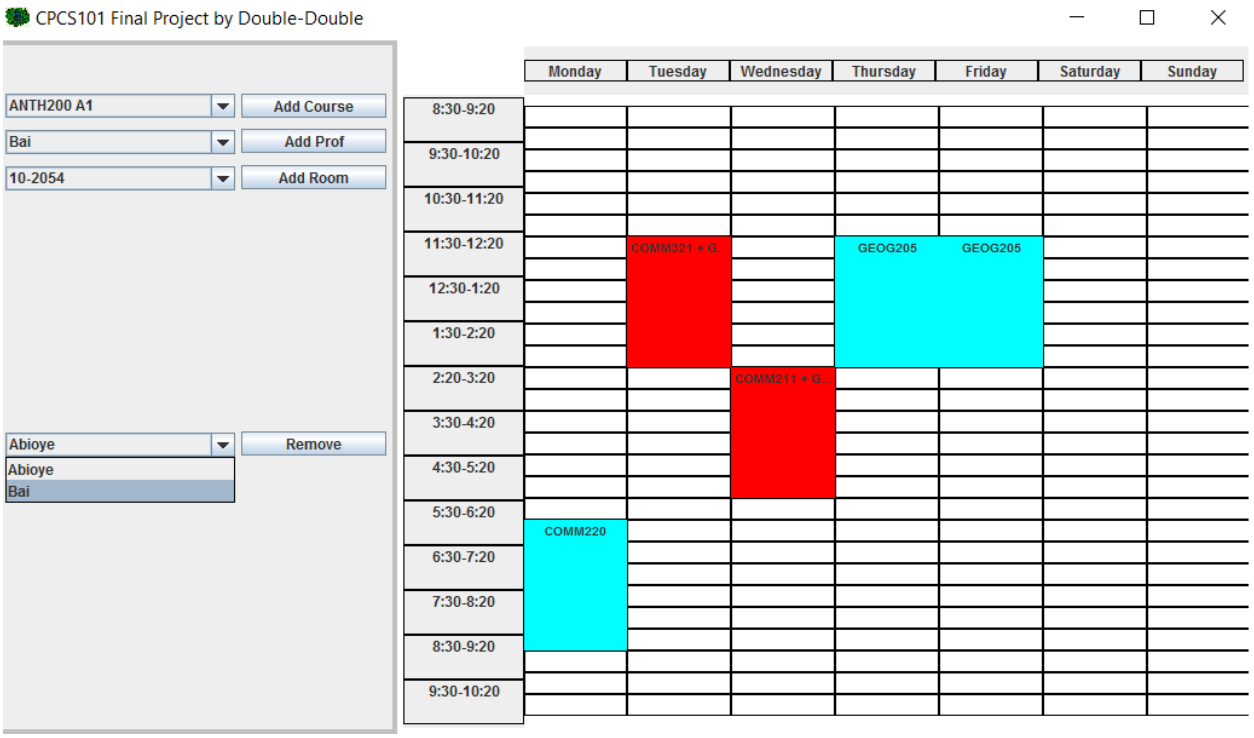


b. Click the “Add Prof” button. The course schedule for the professor will now be displayed on the timetable to the right, and the professor’s surname will be added to the currently selected items drop down menu

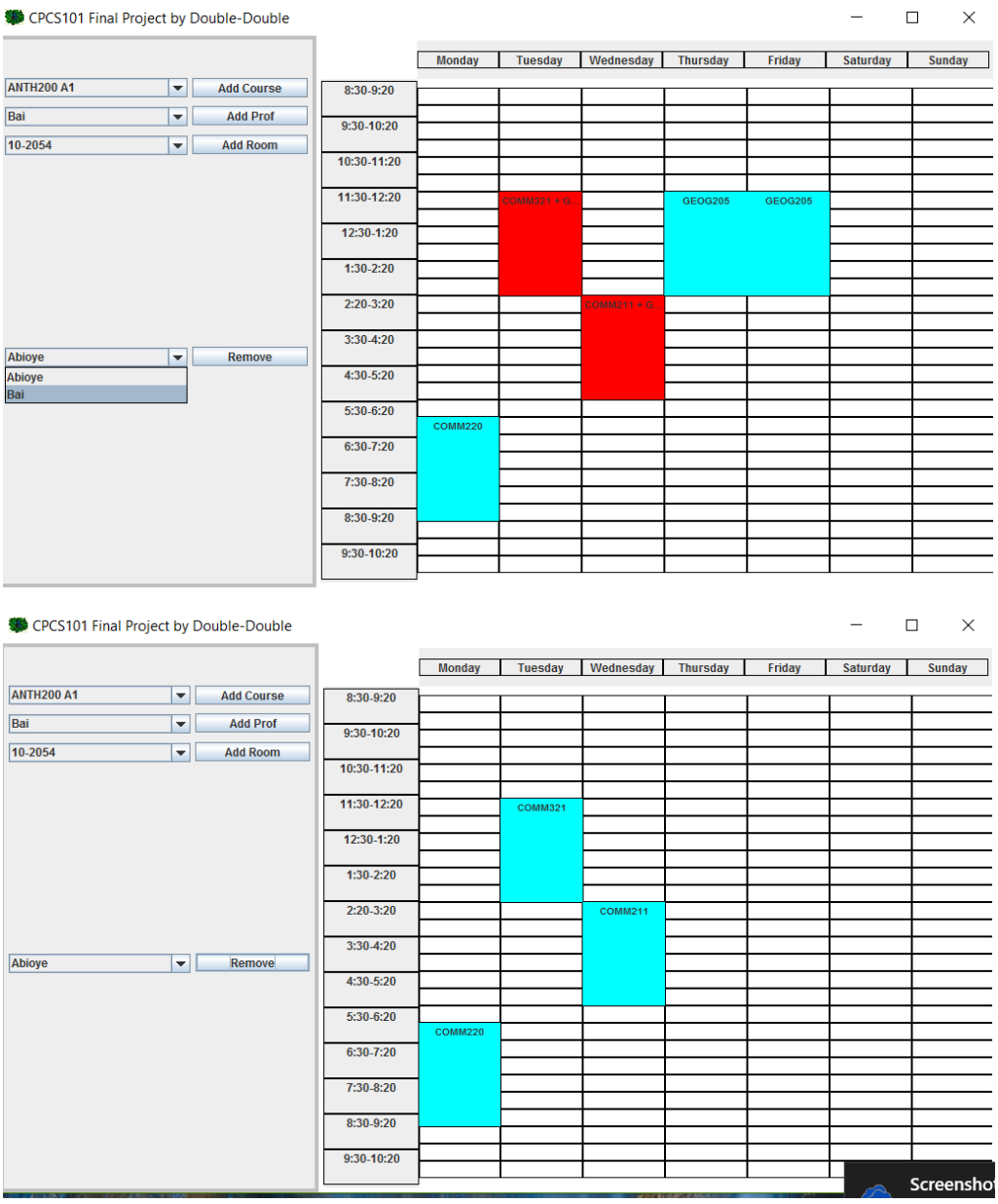


c. You can add additional professors to the display in the same way



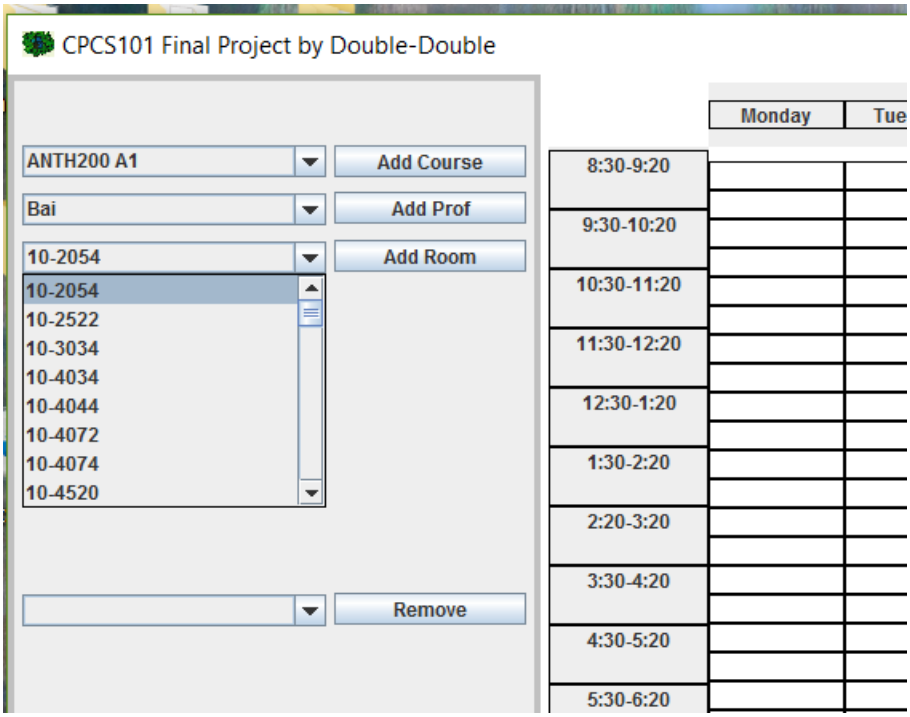


d. To remove professors from the display, click into the currently selected items drop down menu and select the professor you wish to remove, then click the “Remove” button. This will remove the professor’s schedule from the display, and from the currently selected items drop down menu

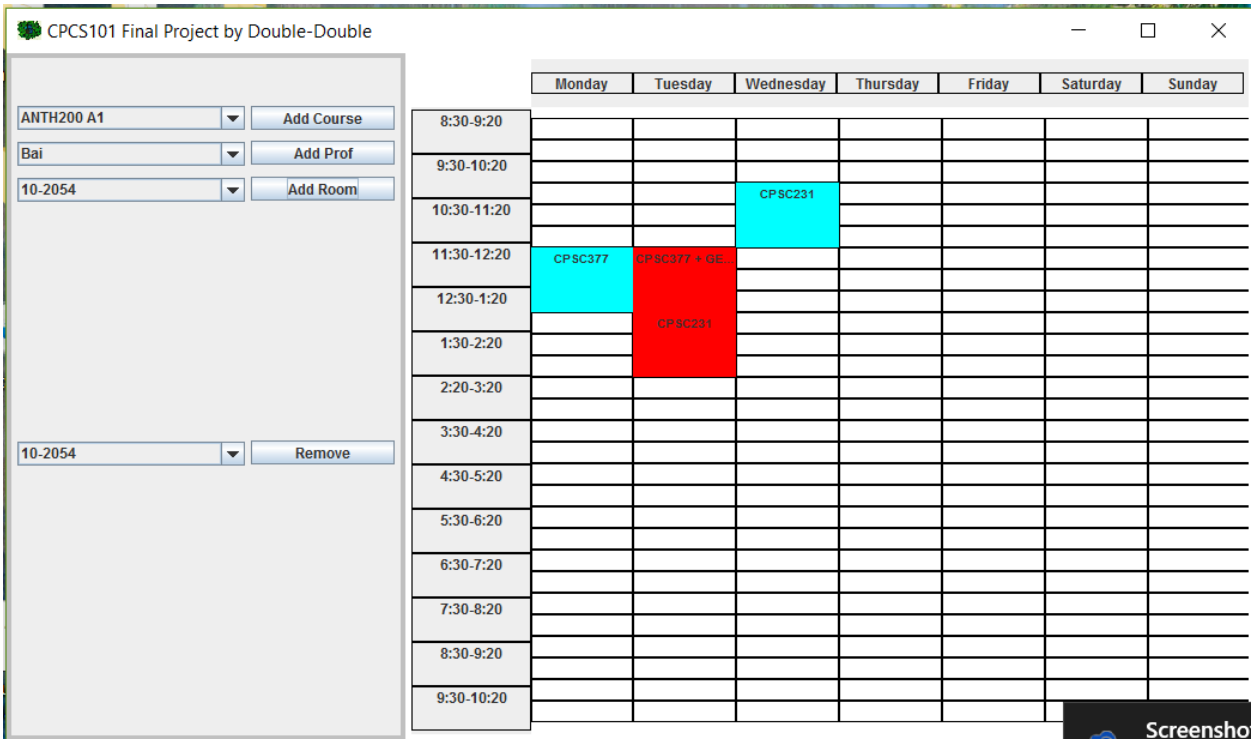


3) To choose a schedule display by room:

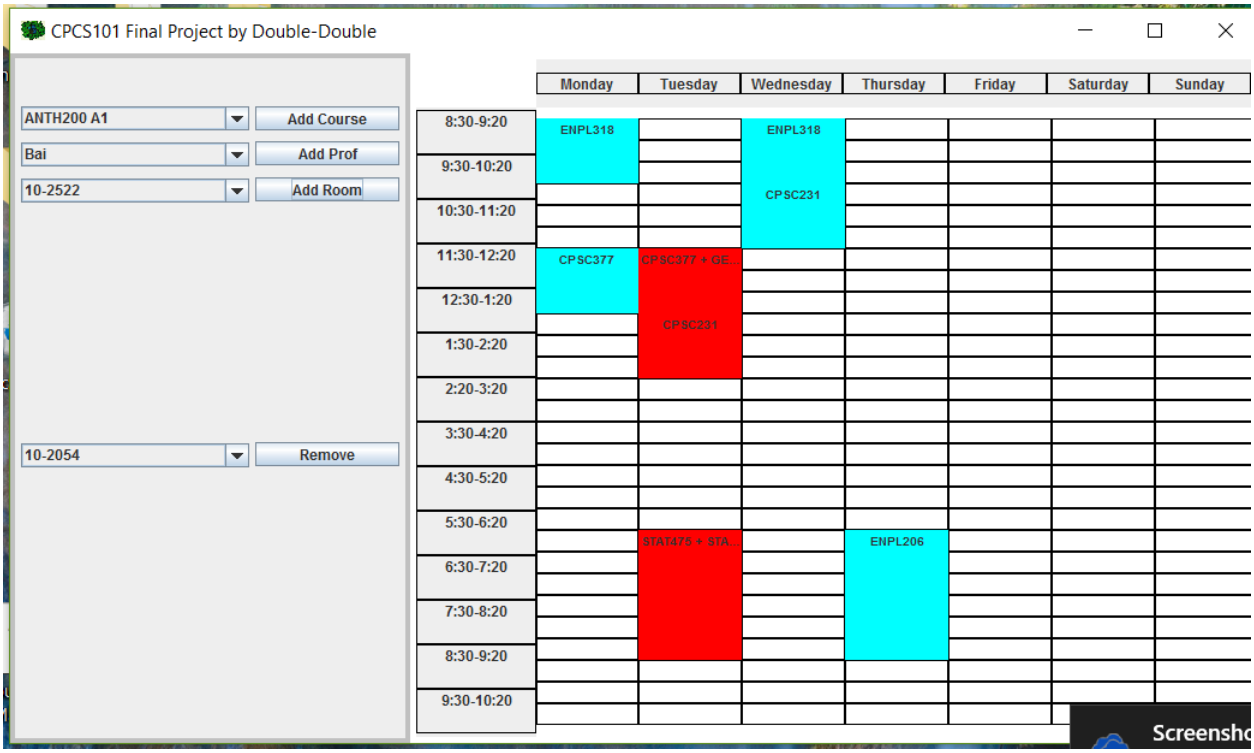
   a. Click onto the room drop down menu, and select the room whose schedule you would like to display



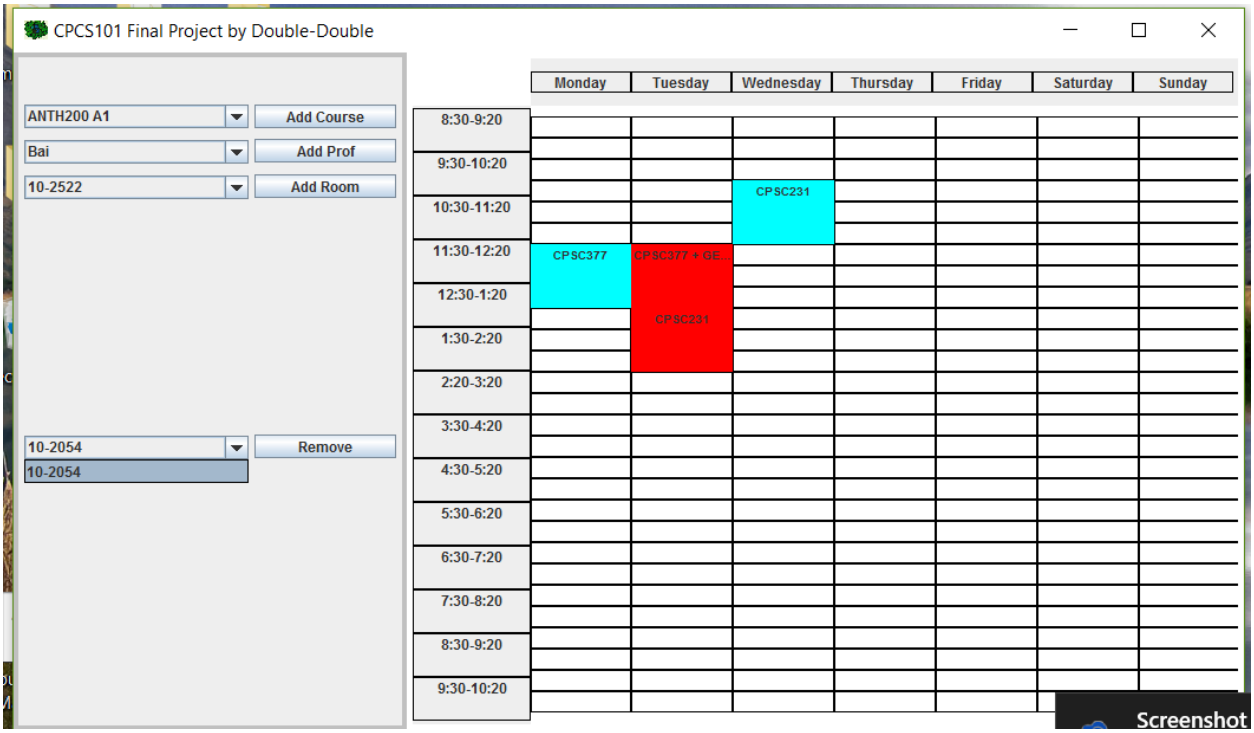
b. Click the “Add Room” button. The room’s schedule will now be displayed on the timetable to the right, and the selected room number will be added to the currently selected items drop down menu



c. You may add additional rooms to the display in the same way

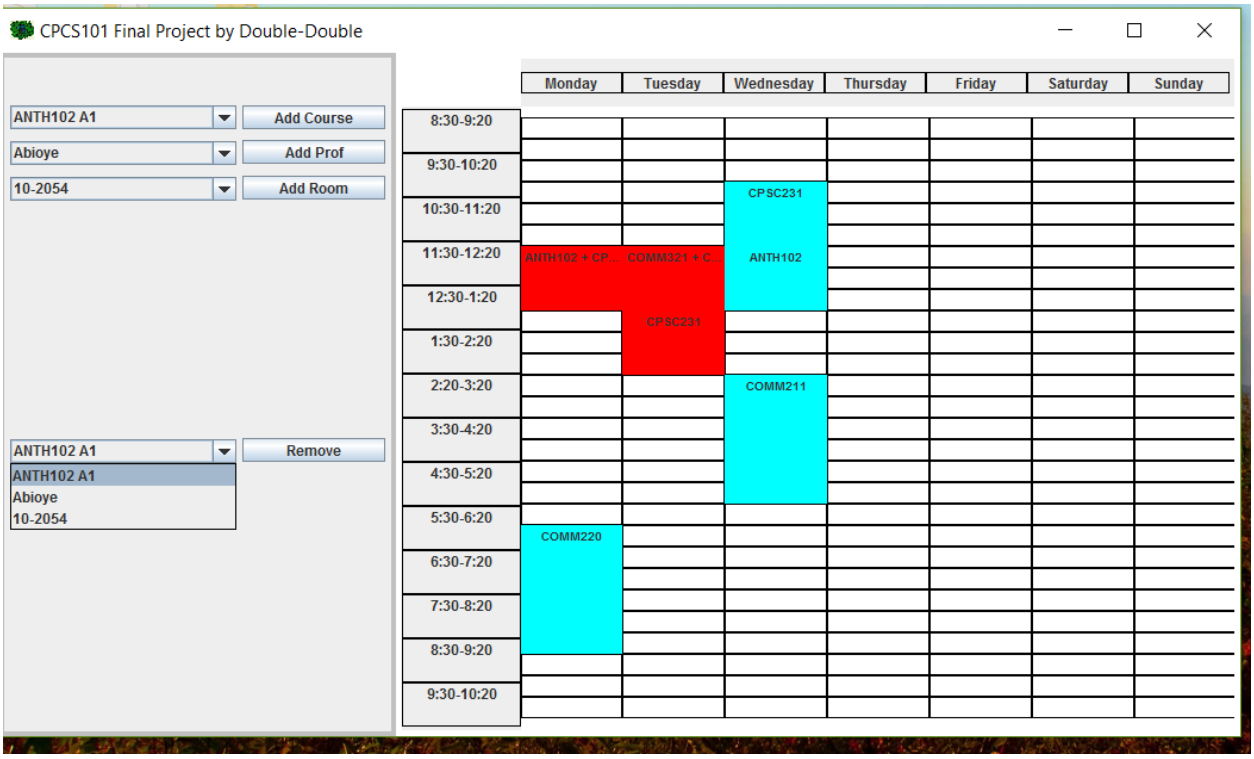


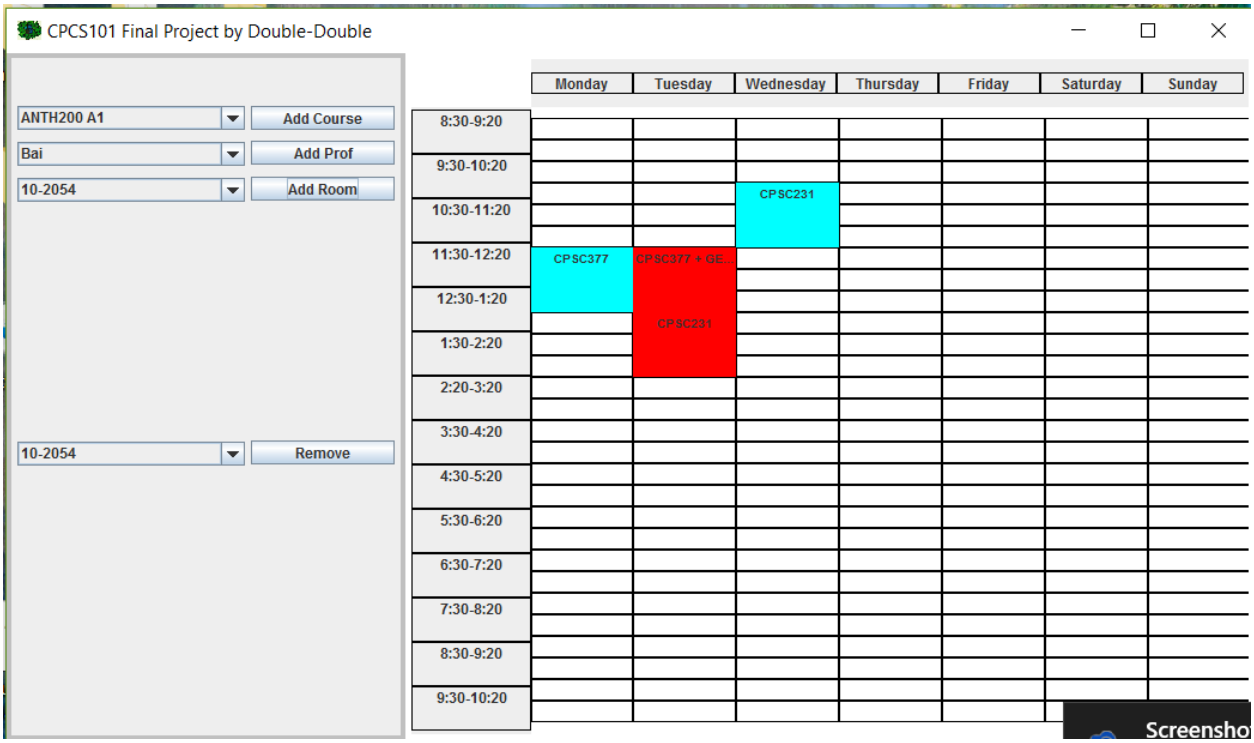
d. To remove a room's schedule from the display, click into the currently selected items drop down menu and choose the room you wish to remove, then click the "Remove" button. The room's schedule will be removed from the display and the room number will be removed from the currently selected items drop down menu



4) Mixed displays:
    a. It is possible to display multiple schedule types at once

    b. Choose and add the desired items using their respective drop down menus



Reading Course Overlaps:

1) Courses will appear on the schedule panel of the window as coloured blocks of time. If there is an overlap between courses, the overlapped time between them will be coloured red, while the non-overlapped time will remain the original colour