**Psuedocode**

1. Have the user enter the courses that are taken in the text boxes.

a. The user then hits a button which calls addItem which adds their input to the courses taken.

2. Once the person clicks the Show Courses Needed button, the program first clears all boxes to repopulate with data.

a. To find what course list to use the function calls the csOrCis function which returns what radio button is clicked.

b. after this, it filters the courses taken with the entire CS courses, then posts the ones not taken in the courses needed box.

c. The program then interacts with the SVSU Course API, and imports the list of CS and CIS courses for winter of 2017.

d. The program then compares the list of courses from winter 2017 to the classes that are still required to graduate.