This is an extension of the in-class assignment. Your goal now is to implement a registration interface for students. To this end, you do the following

1. Add a logout button (this requirement was added at 5.30 PM on Monday 22nd).
2. Create a table regnDates(year, semester, startTS, endTS) where startTS and endTS are timestamps. Fill in appropriate data.
3. Extend your in-class assignment by adding a servlet called register, that does the following:
    1. The doGet method of the register servlet finds the current year/semester using current date, and regnDates; if there is no record in regnDates such that current time is between startTS and endTS, an appropriate error message is shown. Otherwise, the servlet shows the current list of courses registered for in the current year/semester, as well as as two forms, one to add one more course and a second to delete a course already registered for. Both forms includes courseID and section attributes, and invoke the doPost method; they are distinguished by a hidden input called action, whose value can be "add" or "delete".
    2. The doPost method takes the parameters and either inserts or deletes an appropriate record into/from the takes relation. The ID comes from the session, while year and semester are calculated from currentdate and regnDates, Any errors/exceptions during update must be caught and a meaningful message displayed.
    3. **Note 1:** You can ignore issues such as prerequisites for this assignment
    4. **Note 2:** if you wish, you can replace the delete course form by a delete button associated with each course already registered for in the current semester; the user then does not have to type the course/section information.
    5. **Note 3**: Make sure to avoid SQL injection vulnerabilities.