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Prof. Hassebo

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ELEC 3225-03

Group Assignment 5

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def create connection(db file):
def create_table(conn, table, attribute):
   cur = conn.cursor()
       cur.execute("CREATE TABLE {} ({})".format(table, attribute))
def remove table(conn, table):
   cur = conn.cursor()
       print("DROP TABLE {}".format(table))
       cur.execute("DROP TABLE {{}}".format(table))
def get table(conn, table):
    cur = conn.cursor()
    try:
       print("SELECT * FROM {}".format(table))
        cur.execute("SELECT * FROM {}".format(table))
       return cur.fetchall()
```

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def search_table(conn, table, attribute, value):

def search_table(conn, table, attribute, value):

try:

try:

print("SELECT * FROM {} WHERE {} = "{}".format(table, attribute, value))

data = cur.fetchall()

return data

except_Error as e:

print("INSERT INTO {} {} VALUES {}".format(table, attributes, values))

cur.execute("NSERT INTO {} {} VALUES {}".format(table, attributes, values))

cur.execute("NSERT INTO {} {} VALUES {}".format(table, attributes, values))

except_Error as e:

print(e)

def remove_row(conn, table, attribute, value):

cur.execute("NSERT INTO {} {} VALUES {}".format(table, attributes, values))

except_Error as e:

print(e)

def remove_row(conn, table, attribute, value):

cur.execute("NSERT INTO {} {} WHERE "{} {} ".format(table, attribute, value))

cur.execute("DELETE_FROM "{} WHERE "{} ".format(table, attribute, value))

except_Error as e:

print(e)

def update_value(conn, table, id, id_value, attribute, new_value):

cur = conn.cursor()

try:

print("DELETE_FROM "{} WHERE "{} "{} ".format(table, attribute, new_value))

cur.execute("DELETE_FROM "{} WHERE {} = "{} ".format(table, attribute, new_value, id, id_value))

cur.execute("UPDATE {} SET {} = "{} ".format(table, attribute, new_value, id, id_value))

data = cur.fetchall()

return data

except_Error as e:
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except Error as e:
    print(e)

def get table names(conn):
    list = []
    cur = conn.cursor()

try:
    print("SELECT name FROM sqlite_master NHERE type='table';")

tables = cur.fetchall()

for i in tables:
    list.apend(i@)
    return list

def get_table_info(conn, table):

list = []

cur.execute("PRAGMA table_info(())".format(table))

cur.execute("PRAGMA table_info(())".format(table))

info = cur.fetchall()

for i in info:
    list.apend(i)

return list

def find matching_instructors(conn):
    cur.execute("PRAGMA table_info(())".format(table))

def find matching_instructors(conn):
    cur.execute("PRAGMA table_info(())".format(table))

print("SELECT INSTRUCTOR.NAME, INSTRUCTOR.SURNAME, COURSES.TITLE FROM INSTRUCTOR INNER JOIN COURSES ON INSTRUCTOR.DEPT = COURSES.DEPT")

cur.execute("SELECT INSTRUCTOR.NAME, INSTRUCTOR.SURNAME, COURSES.TITLE FROM INSTRUCTOR INNER JOIN COURSES ON INSTRUCTOR.DEPT = COURSES.DEPT")

cur.execute("SELECT INSTRUCTOR.NAME, INSTRUCTOR.SURNAME, COURSES.TITLE FROM INSTRUCTOR INNER JOIN COURSES ON INSTRUCTOR.DEPT = COURSES.DEPT")

cur.execute("SELECT INSTRUCTOR.NAME, INSTRUCTOR.SURNAME, COURSES.TITLE FROM INSTRUCTOR INNER JOIN COURSES ON INSTRUCTOR.DEPT = COURSES.DEPT")

def add_course_to_schedule(conn, student_id, course_crn):
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```
def add_course_to_schedule(conn, student_id, course_crm):

cur = conn.cursor()

print("INSERT INTO SCHEDULE("STUDENT_ID", 'COURSE_ID") VALUES ('{}', '{}')", "format(student_id, course_crn))

cur.execute("INSERT INTO SCHEDULE("STUDENT_ID", 'COURSE_ID") VALUES ('{}', '{}')", "format(student_id, course_crn))

cur.execute("INSERT INTO SCHEDULE("STUDENT_ID", 'COURSE_ID") VALUES ('{}', '{}')", "format(student_id, course_crn))

print(e)

def remove course from schedule(conn, student_id, course_crn ):

cur = conn.cursor()

try:

print("DELETE FROM SCHEDULE WHERE STUDENT_ID = '{}' AND COURSE_ID = '{}', "format(student_id, course_crn))

cur-execute("OELETE FROM SCHEDULE WHERE STUDENT_ID = '{}' AND COURSE_ID = '{}', "format(student_id, course_crn))

cur-execute("OELETE FROM SCHEDULE WHERE STUDENT_ID = '{}' AND COURSE_ID = '{}', "format(student_id, course_crn))

cur-execute("OELETE FROM SCHEDULE WHERE STUDENT_ID = SCHEDULE.STUDENT_ID AND COURSE_CRN = SCHEDULE.COURSE_ID AND ID = 't', "format(student_id, course_crn))

def print student, schedule(conn, student_id):

cur = conn.cursor()

try:

print(e)

def print student, schedule(conn, student_id):

cur-execute("SELECT COURSES FROM STUDENT, COURSES, SCHEDULE WHERE STUDENT.ID = SCHEDULE.STUDENT_ID AND COURSES.CRN = SCHEDULE.COURSE_ID AND ID = 'ev.execute("SELECT COURSES FROM STUDENT, COURSES, SCHEDULE WHERE STUDENT.ID = SCHEDULE.STUDENT_ID AND COURSES.CRN = SCHEDULE.COURSE_ID AND ID = 'ev.execute("SELECT COURSE STUDENT.ID = SCHEDULE.STUDENT_ID AND COURSES.CRN = SCHEDULE.COURSE_ID AND ID = 'ev.execute("SELECT Courses attributes = SCHEDULE.COURSE STUDENT.ID = SCHEDULE.STUDENT_ID AND COURSES.CRN = SCHEDULE.COURSE_ID AND ID = 'ev.execute("SELECT Courses stributes = SCHEDULE.COURSE_ID AND ID = 'ev.execute = 'ev.exe
```

Dom predominantly worked on this, interfacing the functions to the database, while I created the shell for the functions. This was with the understanding that we would trade roles for assignment 6. The most difficult of this portion was learning concatenation in order to update the tables with the entered information. This especially included adding a course to the schedule.