

# LAB ASSIGNMENT 8

## Exercise 1(1 mark)

Using python command to create the database “**css326\_lab8**” (1 mark). Save the python script file as `ex1_create_database.py`

## Exercise 2 (2 marks)

Using python command to create the table from database of exercise 1. Save the python script file as `ex2_create_table.py` According to the following entity-relationship diagram Figure 1, generate a table structure.

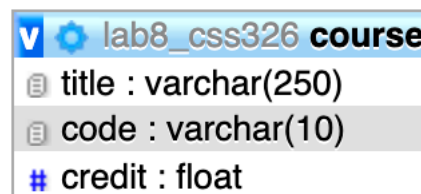


Figure 1 ER Diagram for course table

## Exercise 3 (2 marks)

Using table from exercise 2 and insert data using python script. Save the python script file as `ex3_insert_data.py`. Use the data as provided in Figure 2

+ Options		
title	code	credit
How to train your dragon	DRA101	3
Black magic defense	HOG411	3
Killing License	SPY007	3

Figure 2 Data

### Exercise 4 (5 marks)

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After you finished exercise 1-3, run the python file **create\_m2m\_link.py**. It will create an m2m table to join user who is in a particular course. The Figure 3 depict the link table. The file will also insert data for you. Your task is to select data out of joined tables user <-> user\_course <-> course. The data should match as show below:

```
('dora@robot.cat', 'Dora', 'Emon', 'How to train your dragon')  
( 'notime@todie.com', 'James', 'NoTime', 'Killing License')
```

Save the python script file as `ex4_select_join.py`



lab8_css326 user_course	
user_email	varchar(250)
course_code	varchar(250)

Figure 3 the m2m table that link user to course







### Exercise 3 (3 marks)

Follow the hints given in **delete\_user.php** to complete the code to send a DELETE data from **user** table.

# CSS326 System

User Profile | Add User | User Group | Add User Group

## User Profile

Title	Name	Email	User Group	Disabled	Edit	Del
Mr.	Jane Doe	jane@doe.com	Instructor	<input type="checkbox"/>		
Mr.	John Doe	john@doe.com	Instructor	<input type="checkbox"/>		
Ms.	Delete Me	youremail@email.com	Instructor	<input type="checkbox"/>		

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Figure 4 user.php will GET to delete\_user.php and redirect back