

# COMP3311 Assignment 4

## Grading scheme

### 2015 Spring

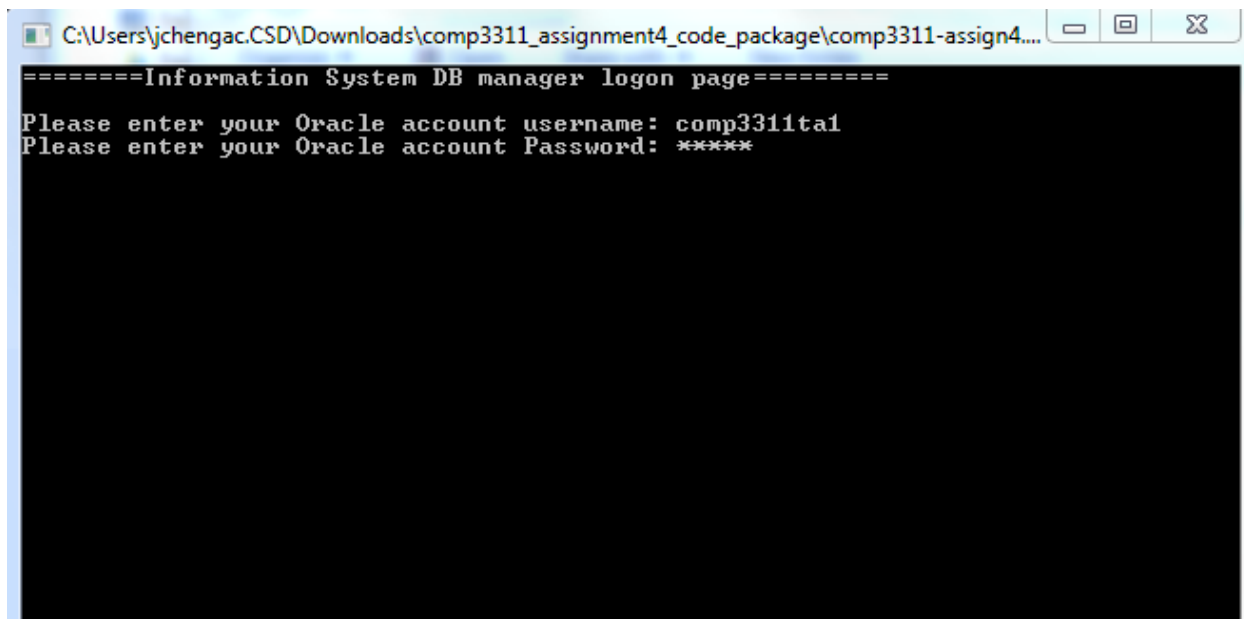
First follow the lab slides to set up the environment from slide 1 to 17.

If the program can be compiled and executed then 10 marks is given, else 0 marks for the entire assignment.

For each “todo” if the test result is exactly the same as the screen shots below then 10 marks each, if not 0 mark. There are totally 9 todos.

If the result of the student is only missing a few columns or containing extra columns still give them full marks, as long as the records selected are correct.

First Login like this:



```
C:\Users\jchengac.CSD\Downloads\comp3311_assignment4_code_package\comp3311-assign4....  
=====Information System DB manager logon page=====  
Please enter your Oracle account username: comp3311ta1  
Please enter your Oracle account Password: *****
```

Login as tleung password is 1234:

```
C:\Users\jchengac.CSD\Downloads\comp3311_assignment4_code_package\comp3311-assign4....

===Welcome to Information System of the University of ST===

Please choose one of the follow options:
0. to terminate the program                <input '0'>.
1. Log in as a professor                  <input '1'>.
Please enter your choice: 1
Please enter your username: tleung
Please enter your Password: ****
```

Then choose 1

```
C:\Users\jchengac.CSD\Downloads\comp3311_assignment4_code_package\comp3311-assign4....

===== Information System for Professors =====

0. Return to the previous menu                <input '0'>.
1. Show Teaching related information          <input '1'>.
2. Show Supervision information              <input '2'>.
3. Show Administrative information           <input '3'>.
Please enter your choice: 1
```

You will see sth like this:

```
C:\Users\jchengac.CSD\Downloads\comp3311_assignment4_code_package\comp3311-assign4....

===== Teaching Information =====

0. Return to the previous menu                <input '0'>.
1. Display course(s) teaching in the current semester <input '1'>.
2. Display the course being led               <input '2'>.
3. See prerequisites of the courses           <input '3'>.
Please enter your choice:
```

*For press 1 for TODO1:*

```
C:\Users\jchengac.CSD\Downloads\comp3311_assignment4_code_package\comp3311-assign4....
Here are the courses you are teaching in the current semester:
-----
Course ID   Course name   Offering number   Classroom   Number of students
-----
Comp3311    database     224               322         110
Comp3311    database     230               322         105
Press any key to continue . . .
```

*Press 2 for todo2:*

```
C:\Users\jchengac.CSD\Downloads\comp3311_assignment4_code_package\comp3311-assign4....
Here are the courses you are leading in the current semester:
-----
Course ID      : Comp3311
Course name    : database
Offering number: 224
Classroom      : 322
Number of students: 110
Press any key to continue . . .
```

*Press 3 for todo 3:*

```
C:\Users\jchengac.CSD\Downloads\comp3311_assignment4_code_package\comp3311-assign4....
Here are the prerequisites of the courses:
-----
Main Course   Prerequisite list
-----
Comp3311      Comp2011,Comp2012,Comp2611
Comp4311      Comp3311
Comp4621      Comp2611,Comp3311
Press any key to continue . . .
```

Then press 0 to go back to :

```
C:\Users\jchengac.CSD\Downloads\comp3311_assignment4_code_package\comp3311-assign4....
===== Information System for Professors =====
0. Return to the previous menu          (input '0').
1. Show Teaching related information    (input '1').
2. Show Supervision information         (input '2').
3. Show Administrative information      (input '3').
Please enter your choice:
```

Then type 2 you will see sth like this:

```
C:\Users\jchengac.CSD\Downloads\comp3311_assignment4_code_package\comp3311-assign4....
===== Supervision Information =====
0. Return to the previous menu                <input '0'>.
1. Display students being supervised          <input '1'>.
2. Display students by their supervisor staff_ID <input '2'>.
Please enter your choice:
```

*Then press 1 to check TODO4:*

```
C:\Users\jchengac.CSD\Downloads\comp3311_assignment4_code_package\comp3311-assign4....
Here are the students you are supervising:
-----
Student ID  Last Name      First Name      Phone number
-----
101         Chan          Dongpang        12345678
105         Lau           Ka wing         56781234
Press any key to continue . . .
```

*Then press 2 to check TODO5:*

```
C:\Users\jchengac.CSD\Downloads\comp3311_assignment4_code_package\comp3311-assign4.exe
Here are the student supervision information of the school:
-----
Professor staff ID  Last Name      First Name      Supervising students
-----
1                   Bond          James           101 Chan Dongpang,102 Cheung siu man,107 Mak Walter
2                   Teddy         Leung           101 Chan Dongpang,105 Lau Ka wing
4                   Andy          Lau             103 Chan da man,104 Chan wai hung,106 Li Hung wai
5                   Michael       Rabbat          107 Mak Walter
6                   Peter         Pan             107 Mak Walter
Press any key to continue . . .
```

Then press 0 to go back to

```
C:\Users\jchengac.CSD\Downloads\comp3311_assignment4_code_package\comp3311-assign4....

===== Information System for Professors =====
0. Return to the previous menu                <input '0'>.
1. Show Teaching related information          <input '1'>.
2. Show Supervision information              <input '2'>.
3. Show Administrative information           <input '3'>.
Please enter your choice:
```

Then pick 3 to goto this:

```
C:\Users\jchengac.CSD\Downloads\comp3311_assignment4_code_package\comp3311-assign4....

===== Administrative Information =====
0. Return to the previous menu                <input '0'>.
1. Change your password                      <input '1'>.
2. Add a new phone                          <input '2'>.
3. Show the TAs of your courses in the current semester <input '3'>.
4. Show preferred offerings for the TAs       <input '4'>.
Please enter your choice:
```

**Press 1 to test todo 6:**

```
C:\Users\jchengac.CSD\Downloads\comp3311_assignment4_code_package\comp3311-assign4....

===== Administrative Information =====
0. Return to the previous menu                <input '0'>.
1. Change your password                      <input '1'>.
2. Add a new phone                          <input '2'>.
3. Show the TAs of your courses in the current semester <input '3'>.
4. Show preferred offerings for the TAs       <input '4'>.
Please enter your choice: 1

Please input your new password: <at most 10 characters>:1234
Password updated.

Press any key to continue . . .
```

Press 2 to test todo7:

```
C:\Users\jchengac.CSD\Downloads\comp3311_assignment4_code_package\comp3311-assign4.exe

===== Administrative Information =====
0. Return to the previous menu                <input '0'>.
1. Change your password                      <input '1'>.
2. Add a new phone                          <input '2'>.
3. Show the TAs of your courses in the current semester <input '3'>.
4. Show preferred offerings for the TAs      <input '4'>.
Please enter your choice: 2

Please input the new phone number you want to add:12345
New Phone number added.

Press any key to continue . . .
```

Press 3 to test TODO8:

```
C:\Users\jchengac.CSD\Downloads\comp3311_assignment4_code_package\comp3311-assign4.exe

Here are TA information of all the courses you are teaching in the current semester:

Course ID  Course name    Offering number  TA student ID  TA Last Name    TA First Name    TA phone no.
-----
Comp3311   database       224             102            Cheung          siu man          23456781
Comp3311   database       230             103            Chan            da man           34567812
Press any key to continue . . .
```

Press 4 to test TDo 9:

```
C:\Users\jchengac.CSD\Downloads\comp3311_assignment4_code_package\comp3311-assign4.exe

Here are course preference information of the TAs:

TA student ID  Last Name    First Name    Preference list
-----
101            Chan         Dongpang      Comp3311 223,Comp4311 100
102            Cheung       siu man       Comp3311 223
103            Chan         da man        Comp3311 223
104            Chan         wai hung      Comp3311 223
105            Lau          Ka wing       Comp3311 223
106            Li           Hung wai      Comp3311 223
107            Mak          Walter        Comp4621 122
Press any key to continue . . .
```