



College of Computer Science and Engineering
TAIBAH UNIVERSITY
2nd semester 2018/2019

CS112: Programming (2)

Homework

Date Due: 7/4/2019

10 marks

You are asked to develop a simple application to keep employees information including:

1. Employee ID
2. Employee name
3. Birth of date
4. Gender (male / female)
5. Hobbies (reading, swimming, computer, football, driving and travelling)

Form groups of two-students each to do the following:

1. Draw UML class diagram and select the appropriate data types and modifiers.
2. Design a form to input the employee information. Use the most appropriate nodes (text field, radio button, check box, combo-box, etc.) for the data elements.
3. Add two buttons to the form:
 - i) Save button: to save the entered data to a file (emp.txt).
 - ii) View button: to show the employee information for the employee of an entered ID.

You should submit by mail a folder contains soft copy of the following with cc to your lab instructor. Your lab instructor will discuss and evaluate your work and may ask you to make a presentation of that.

1. The class diagram
2. Screen shot of the form
3. The Java code
4. The emp.txt file

Note: You are free to use any graphical tool to draw the class diagram and any supporting GUI tool to design the employee form.