Question 1: (3.0 Point)

In this question, you are required to create three threads: **Clock, Dog, and Person**. They work like what will be descried below.

Clock thread: display time by every second with the format hh:mm:ss

Dog thread: every second display "Watching, watching..."

After 5 seconds the dog will bark "Go, go, go, go..." and STOP, finish thread.

Person thread: This thread will do nothing until the barked event of a Dog happen.

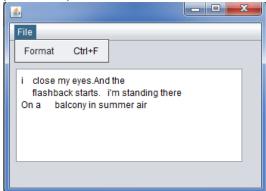
When the dog barked, person will stop walking and run away.

Display: "Wow big Dog, run, run run...."



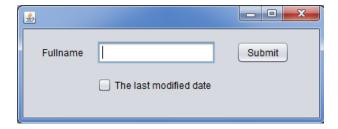
Question 2: (3.0 Point)

Design the form might look something like figure below, named the java file is **AFormat.java** (0.5 Point)



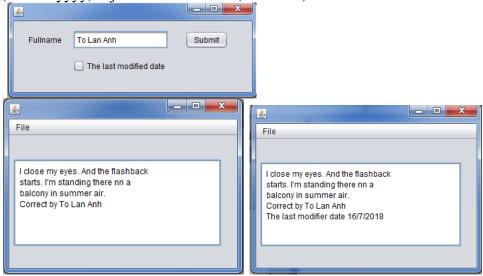
The Frame includes a menu bar with a menuitem (Format, shortcut key included) and a textarea, "i close air" is default value of textarea.

If users select **Format** (or Ctrl_F key), show a **Format** form which might look something like figure below **(0.5 Point)**



The correct sentence: Capitalize the First Word in a Sentence, one space between words, a space following commas and periods.

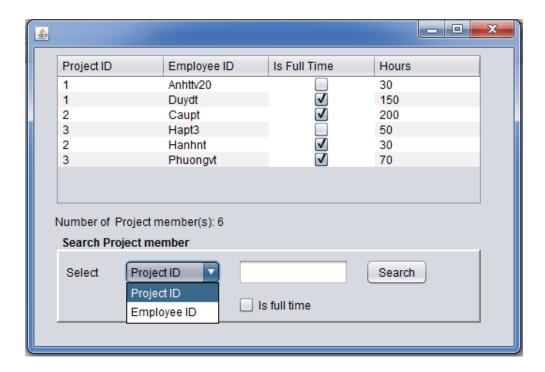
When users enter fullname for textfield and click on **Submit** button, the paragraph in textarea which is replaced by the **correct** paragraph (**1.0 Point**). Add more the last modified date (dd/mm/yyyy) if jcheckbox selected (**1.0 Point**).



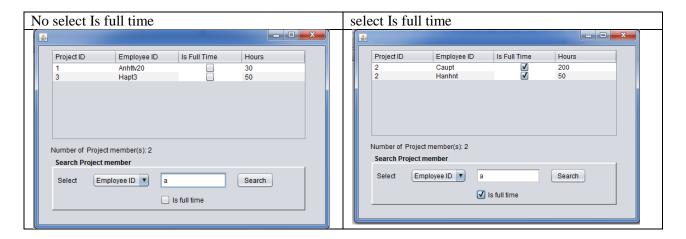
Question 3: (4.0 Point)

Create your MS SQL database named **PMSDB by running code in script PMSDB.sql.**

Design the form might look something like figure below, named the java file is Main.java



When users select jCombobox for Project ID or EmployeeID searching, then enter value in textfield and click Search button, output information of all Project Members in Projectmembers table to below table which have ProjectID or EmployeeID contains entered value also output the number of rows/records found.



Output a message "Not found any Project member" if the system could not find any matched Projectmember.

