**Grade 11 IT Java coding test**

Using OOP principles code the following; a UI class and a Manager class that has the methods you need.

**Input**

Immediately determine the current time using LocalTime.E.g “08:15:32.459”

Ask for a person’s full name from the keyboard E.g. “steve eilertsen”

Ask for their ID number. E.g. “1203115122093” from the keyboard.

The first 6 digits give the person’s date of birth

The next 4 digits give the person’s gender

Example:

“120311” - Here the date of birth is 11 March 2012

“5122” – Because the number is bigger than 5000 the person is male

**Processing**

Using String handling methods determine the persons date of birth. Convert the date to the following format – day using 2 digits, month in words, year using 4 digits. You can use If statements for this, or you can also use the switch case statement.

Using String and number handling methods determine if the person is male or female

**Output**

Write the input that came from the keyboard to the monitor as well as to a text file; use the following format.

EILERTSEN,S#11 March 2012#Male#08:15:32.

NOTE: Print to the monitor from the UI class – do this by passing a parameter from a manager method to the UI class for output.