

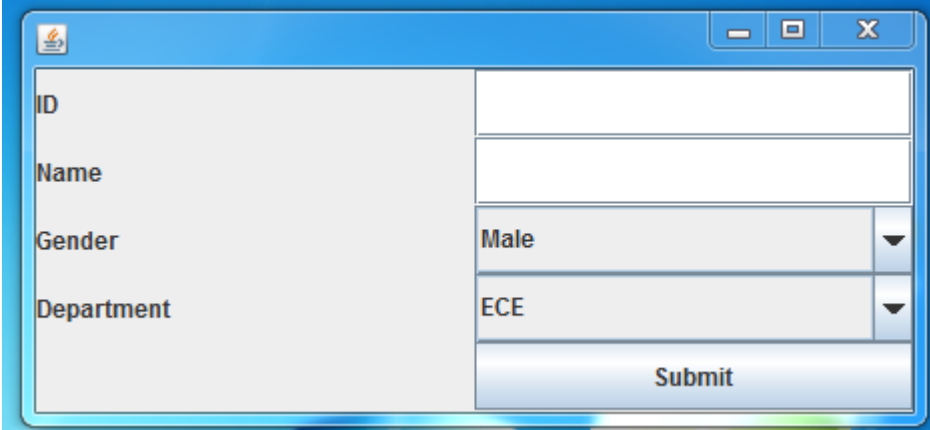
## CSE 215L#8

Spring 2016

Lab Officer: Forhan Noor

**Note: If your code is similar to someone else's code or if you fail to explain any portion of your code, you will get 0. No exception and no explanation.**

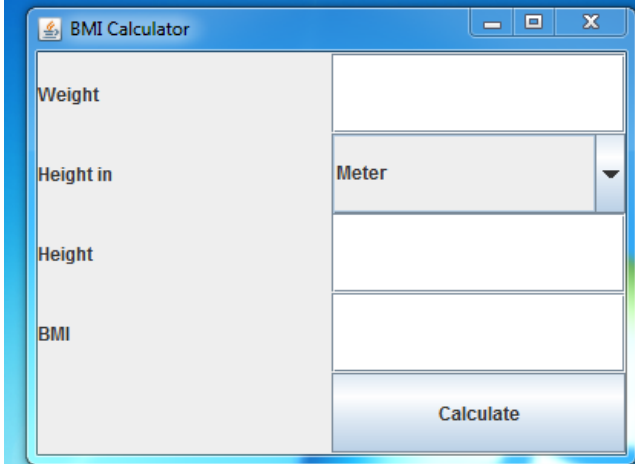
1.



A Java Swing window with a blue title bar and standard window controls. The window contains a light gray panel on the left with labels for 'ID', 'Name', 'Gender', and 'Department'. To the right of these labels are four input fields: a text field for ID, a text field for Name, a dropdown menu for Gender (currently showing 'Male'), and a dropdown menu for Department (currently showing 'ECE'). Below these fields is a blue 'Submit' button.

When clicked on submit, all the field values should be inserted into a file, each on a new line.

2.



A Java Swing window titled 'BMI Calculator' with a blue title bar and standard window controls. The window contains a light gray panel on the left with labels for 'Weight', 'Height in', 'Height', and 'BMI'. To the right of these labels are four input fields: a text field for Weight, a dropdown menu for 'Height in' (currently showing 'Meter'), a text field for Height, and a text field for BMI. Below these fields is a blue 'Calculate' button.

User inputs weight, height and press calculate button. The BMI should be calculated and displayed in appropriate field.

$$\text{BMI} = \text{weight} / (\text{height in meter})^2$$

$$\text{Height in meter} = \text{Height in inches} * 0.0254$$

3.



When runs, user will input in input field 1 & 2 and press '+', '-', '\*' or '/' button. The program will perform calculation and display result in result field.