

# CMPE 261: Large Scale Programming

## Worksheet 3B

Istanbul Bilgi University

Fall 2021

### Part I

Create GUI for three methods about `Company` class. You can find an example below.

### Part II

Modify the methods to get input from user by GUI. The methods must utilize `RadioButton`, `CheckBox` and `TextFields`<sup>1</sup>. You can add more if you don't have proper methods.

### Part III

Add `ActionListener` for the buttons.

### Part IV

Add `FocusListener` for the text fields.

**Note: Do not compress your files, submit java files and screenshots of your program.**

**Note: Do not forget to justify your answers with comments. The codes without comments will not be evaluated.**

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<sup>1</sup>It is not necessary to include all in one method. You can use them in separate methods as given in example.

University

# Calculate GPA

Student ID:

Include failed courses: ☒

Calculate

# Change Section

Student ID:

Section: ☒ 01 ☐ 02 ☐ 03 ☐ 04

Change

# Update Grade

Student ID:

Grade:

Reset Submit

Executed Operation:

Figure 1: Example GUI