

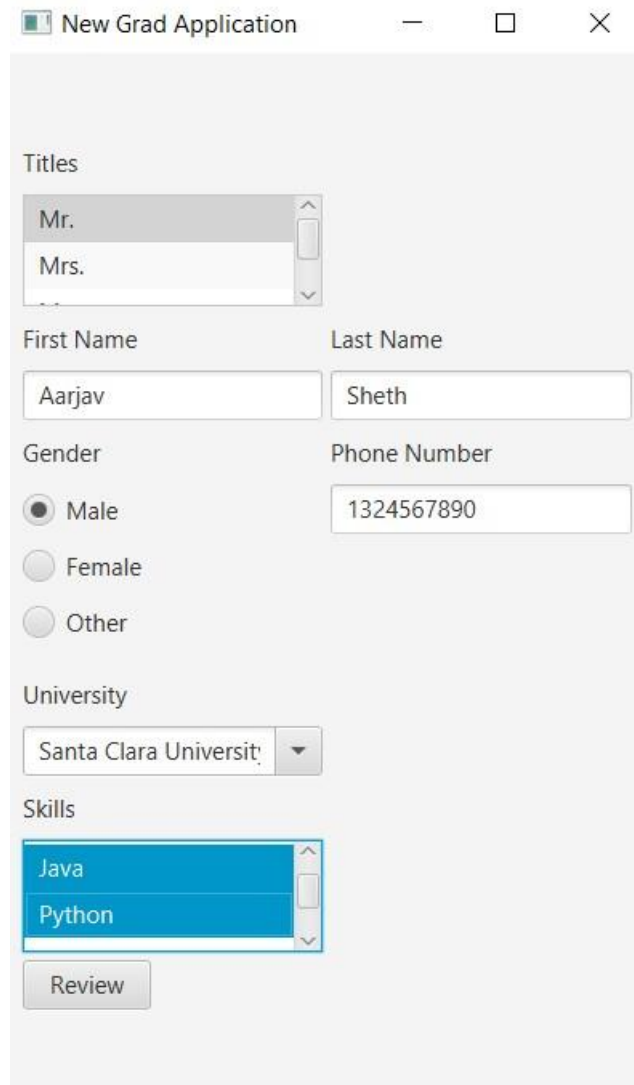
## Assignment 7

Due: Monday 3<sup>rd</sup> Dec 11:59PM PT

### Requirement:

Create a 'New Grad Application' using JavaFX application. The output window has the following elements.

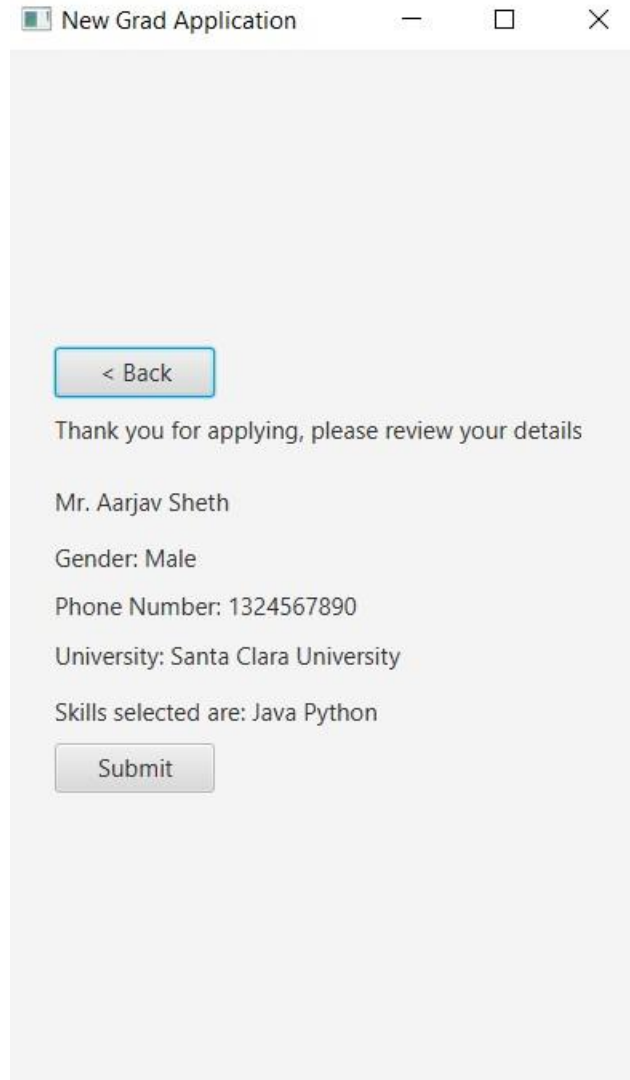
- Title 'New Grad Application'
- Inputs: Title (List View), First Name (Textbox), Last Name (Textbox), Gender (Radio Button), Phone Number (Textbox), University (Editable Combo box) and Skills (List View multiple selection should be possible)
- Expected Output:



The screenshot displays a JavaFX application window titled "New Grad Application". The window contains a form with the following elements:

- Titles:** A list view showing "Mr." and "Mrs." with "Mr." selected.
- First Name:** A text box containing "Aarjav".
- Last Name:** A text box containing "Sheth".
- Gender:** Three radio buttons labeled "Male", "Female", and "Other". "Male" is selected.
- Phone Number:** A text box containing "1324567890".
- University:** An editable combo box showing "Santa Clara Universit" with a dropdown arrow.
- Skills:** A list view showing "Java" and "Python" with "Java" selected.
- Review:** A button at the bottom of the form.

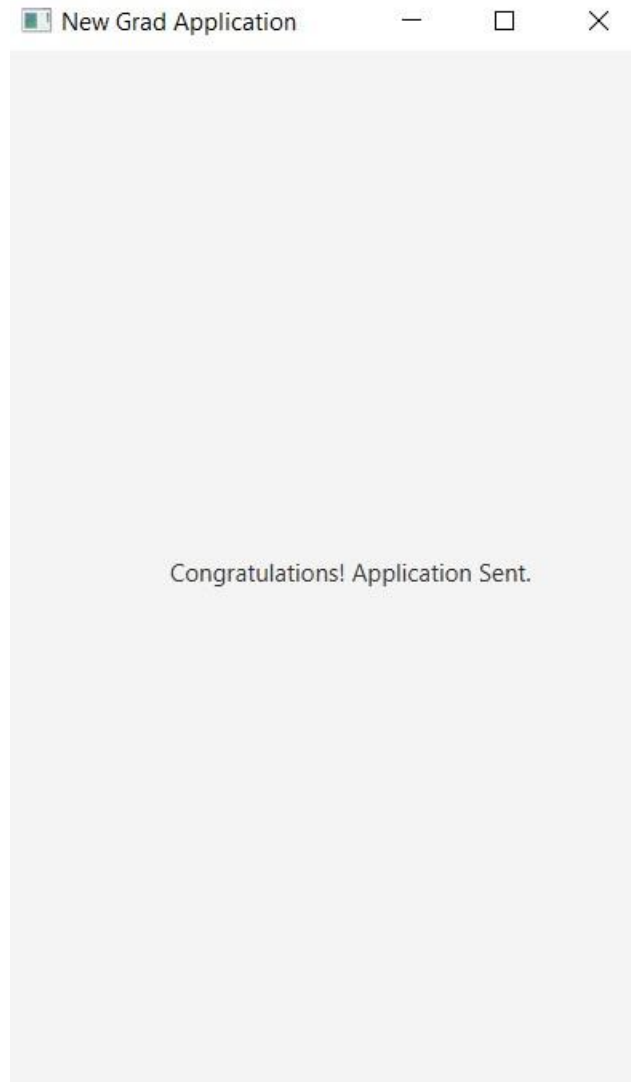
By clicking on Review button following information should be displayed based on selection:



The screenshot shows a web application window with the title "New Grad Application". The window contains a review screen with the following elements:

- A button labeled "< Back" at the top left.
- A message: "Thank you for applying, please review your details".
- Personal information:
  - Mr. Aarjav Sheth
  - Gender: Male
  - Phone Number: 1324567890
  - University: Santa Clara University
- Skills information: "Skills selected are: Java Python".
- A "Submit" button at the bottom.

On click of Submit button:



On click of Back button: You should be able to go back and edit values entered previously. Make sure that you edit the previous values, the fields should not be empty on going back.

Make sure that the basic validations for Textboxes are handled. You should be able to select multiple skills from the list view (add a minimum of 8 skills of your choice in the list). For radio button selection, only one selection is allowed. The University Combo box should be editable i.e. if the university is not in the list then you should be able to add a new one.

Instructions:

1. Give comments to increase code readability
2. Mention the sources used to complete the assignment.
3. Adhere to the filename conventions. LastnameFirstnameA8.java
4. Submit .java file only.