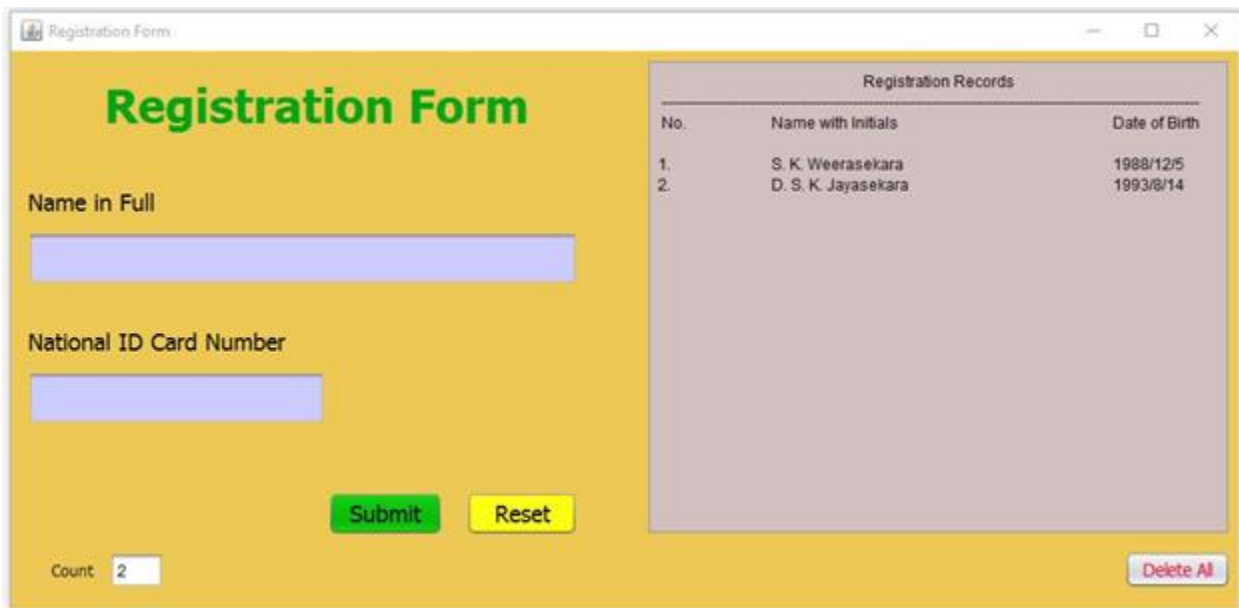


Java Programming – Final Project

You are asked to develop a system to enter the details of customers in an insurance company. They need to get the full name and the national ID card number of each customer and display their names and dates of birth in a table. Create an application form to perform the given task using Java.



The screenshot shows a Java application window titled "Registration Form". The window has a yellow background. On the left, there are two text input fields: "Name in Full" and "National ID Card Number". Below these fields are two buttons: "Submit" (green) and "Reset" (yellow). At the bottom left, there is a "Count" label with a text box containing the number "2". On the right side of the window, there is a table titled "Registration Records". The table has three columns: "No.", "Name with Initials", and "Date of Birth". It contains two rows of data. At the bottom right of the window, there is a "Delete All" button.

No.	Name with Initials	Date of Birth
1.	S. K. Weerasekara	1988/12/5
2.	D. S. K. Jayasekara	1993/8/14

- The system should reject invalid data with proper warning messages before submitting them.
 - Names can only have letters and spaces
 - NIC number should contain nine digits followed by the letter 'V'
Example: (982277567V)
- When the user presses the Submit button, the system should create the name with initials and date of birth from the NIC number and append them in the text box given in the right side.

- The first two digits of the NIC number notate the birth year.

Example: (98 -> 1998)

- Next three digits notate the number of days between date of birth and 1st of January

Example: (227 -> 227 days from 1st of January is 14th of August)

- If the gender of the owner is female those three digits are added to 500

Example: (727 -> $500+727=1227$ days from 1st of January is 14th of August)

- Number of customers registered should be displayed in the count box
- When the user presses the reset button, name and NIC fields should be cleared
- When the user presses the Delete All button, all the records should be deleted and count should be reset to zero.

Submit your answers within 7 days after the date you receive this assignment.

Answer sheet should contain all the source code files as .java or .txt files.

Extract all the files in to a one file and rename it as your student number.

Submit your answer sheets to sitecedu@gmail.com