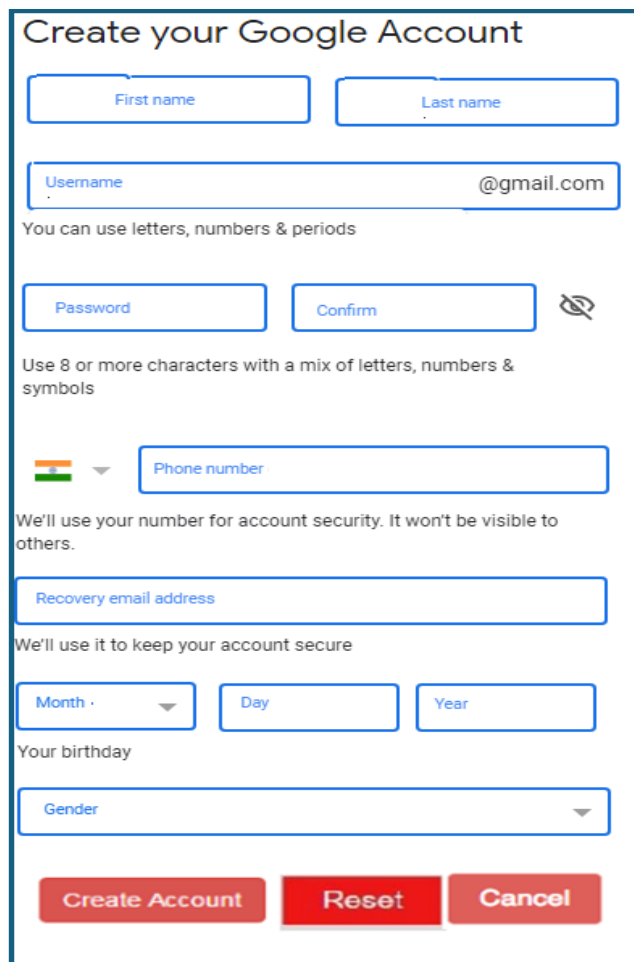


CS23304 JAVA PROGRAMMING

Course Instructor: V P Jayachitra

WEEK 10

1. Create an interactive Quiz form using radio buttons, check box, text box, text area. Write a method to find the total score of the user. Display the right answer to the user at end.
2. Create a shopping cart program using Java Swing. The program should allow users to add items to the cart, display the cart's contents (including the items and their prices), and calculate the total amount to be paid. Create a Java Swing application that fulfills these requirements.
3. Write a program to create google account with details as shown in figure.



The image shows a screenshot of the 'Create your Google Account' form. The form includes the following fields and elements:

- Title:** 'Create your Google Account'
- First name:** Text input field.
- Last name:** Text input field.
- Username:** Text input field, followed by '@gmail.com'.
- Help text:** 'You can use letters, numbers & periods'.
- Password:** Text input field.
- Confirm:** Text input field.
- Eye icon:** A small icon to toggle password visibility.
- Help text:** 'Use 8 or more characters with a mix of letters, numbers & symbols'.
- Country:** A dropdown menu showing the Indian flag.
- Phone number:** Text input field.
- Help text:** 'We'll use your number for account security. It won't be visible to others.'
- Recovery email address:** Text input field.
- Help text:** 'We'll use it to keep your account secure'.
- Birthdate:** Three input fields for 'Month', 'Day', and 'Year'.
- Help text:** 'Your birthday'.
- Gender:** A dropdown menu.
- Buttons:** 'Create Account' (red), 'Reset' (red), and 'Cancel' (red).

Fig 1. Email account

- i. Raise an exception if password and confirm password did not match and ensure strong password with atleast 8 characters.
- ii. Raise an exception if any input box is empty
- iii. Raise an exception an invalid emailid

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