



Golden-Gate Int'l College

Affiliated to Tribhuvan University

Old Baneswor, Kathmandu

A

Lab Report on

Mobile Programming

(CACS 351)



Lab Title: Android Programming: Activities & Fragments

Lab Sheet No: 1

Submitted by:

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Registration no:6-2-453-15-2021

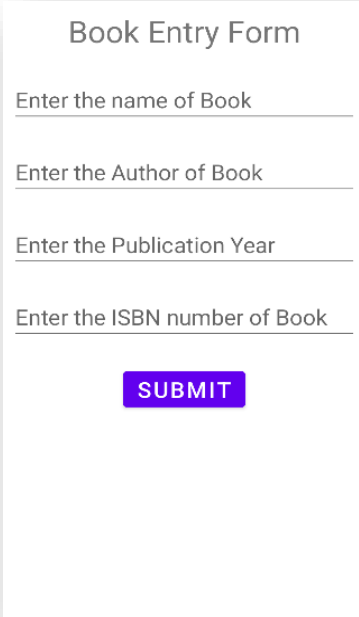
Submitted to:

Mr. Deepak Thakur

Submission date: 2nd April, 2025

Task 1.1:

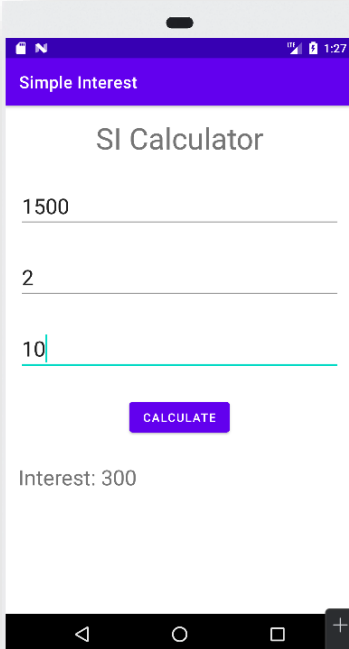
Design Book Entry interface.



The image shows a mobile application interface for a 'Book Entry Form'. It features a white card with a light gray shadow. At the top, the title 'Book Entry Form' is centered in a dark gray font. Below the title, there are four text input fields, each with a light gray placeholder text: 'Enter the name of Book', 'Enter the Author of Book', 'Enter the Publication Year', and 'Enter the ISBN number of Book'. At the bottom of the form, there is a purple rectangular button with the word 'SUBMIT' in white, uppercase letters.

Task 1.2:

Calculate Simple Interest and Display the Result in Same Activity.

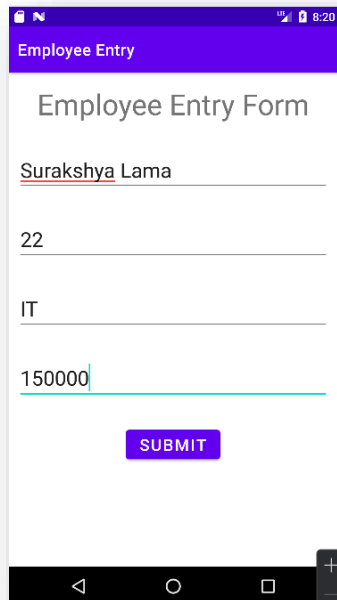


The image shows a mobile application interface for an 'SI Calculator'. The screen has a purple header bar with the text 'Simple Interest' in white. Below the header, the title 'SI Calculator' is centered in a dark gray font. There are three text input fields: the first contains '1500', the second contains '2', and the third contains '10'. Below these fields is a purple rectangular button with the word 'CALCULATE' in white, uppercase letters. At the bottom of the screen, the text 'Interest: 300' is displayed in a dark gray font. The bottom of the screen shows a black navigation bar with white icons for back, home, and recent apps, and a small white '+' icon on the right.

Task 1.3:

Design Employee Entry Form insert the data and show to another activity.

Entry Screen:



Employee Entry

Employee Entry Form

Surakshya Lama

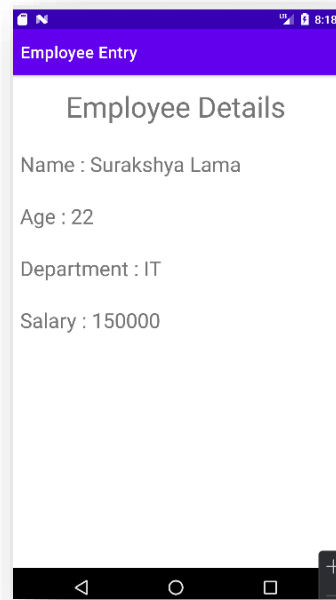
22

IT

150000

SUBMIT

Display Screen:



Employee Entry

Employee Details

Name : Surakshya Lama


Age : 22

Department : IT

Salary : 150000

Task 1.4:

Implement Three Fragment in one Activity.



Three Fragment

Three Fragments

This is the first fragment

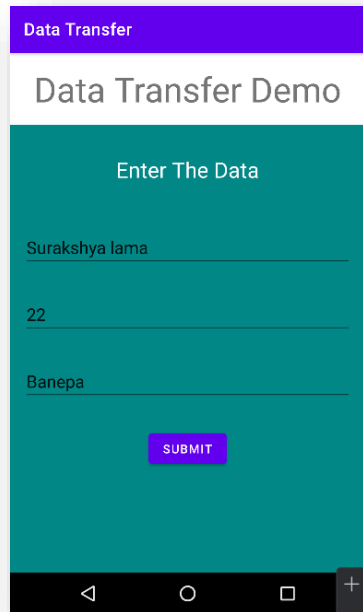
This is the second fragment

This is the third fragment

Task 1.5:

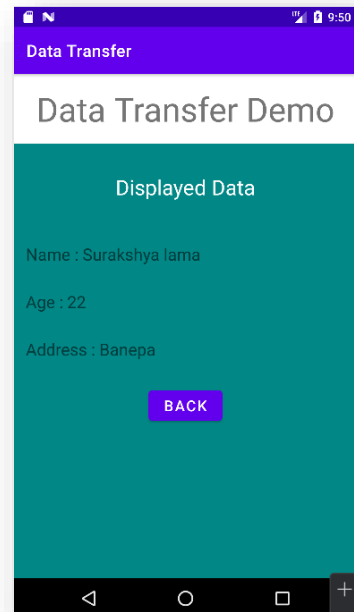
Transfer data from one fragment to another Fragment.

Entry Screen:



The Entry Screen is titled "Data Transfer Demo" and features a teal background. It contains three text input fields for "Name", "Age", and "Address". The inputs are filled with "Surakshya lama", "22", and "Banepa" respectively. A purple "SUBMIT" button is located at the bottom right of the input area. The screen has a purple header bar with the text "Data Transfer" and a black Android navigation bar at the bottom.

Display Screen:



The Display Screen is titled "Data Transfer Demo" and features a teal background. It displays the entered data: "Name : Surakshya lama", "Age : 22", and "Address : Banepa". A purple "BACK" button is located at the bottom right of the display area. The screen has a purple header bar with the text "Data Transfer" and a black Android navigation bar at the bottom.