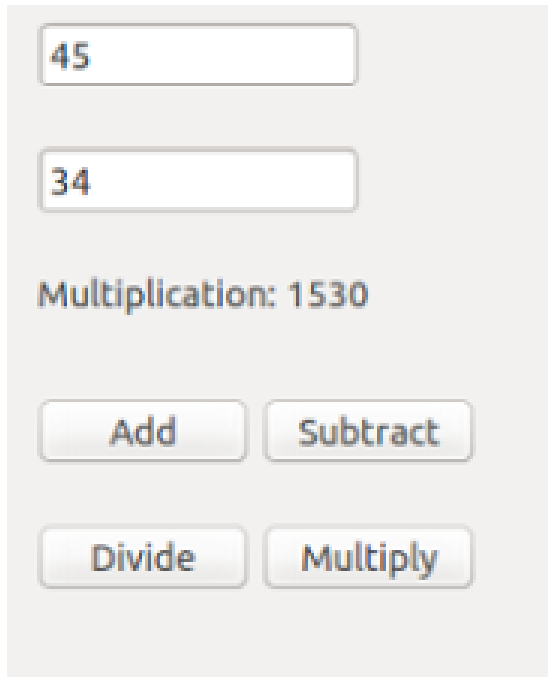


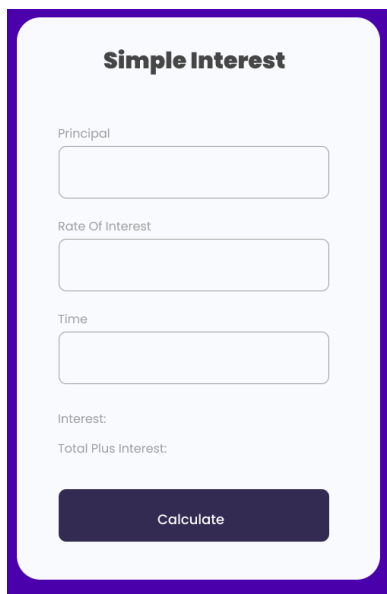
Lab Report 3

1. Write server side program to create calculator form, validate two input field and calculate result according to button pressed.



A screenshot of a web-based calculator form. It features two input fields at the top, the first containing the number '45' and the second containing '34'. Below these fields, the text 'Multiplication: 1530' is displayed. At the bottom, there are four buttons arranged in a 2x2 grid: 'Add', 'Subtract', 'Divide', and 'Multiply'.

2. Write server side program to create following calculator form, validate given input field and calculate result according to button pressed.



A screenshot of a 'Simple Interest' calculator form. The form has a purple border and a light blue background. It contains three input fields labeled 'Principal', 'Rate Of Interest', and 'Time'. Below these fields, there are two labels: 'Interest:' and 'Total Plus Interest:'. At the bottom of the form is a dark blue button labeled 'Calculate'.

3. Write server side script to create following form and calculate tax based on following condition.

Nepalese Income Tax Calculator

Assessment InfoMaleCouple Natural Person

Monthly Salary75000

Annual Income

Annual Gross Salary900000

Clear InputsCalculate Tax

Conditions:

Married

annual income ≤ 450000 1% tax
annual income > 450000 and ≤ 550000 extra 10% tax for 100000
annual income > 550000 and ≤ 750000 extra 20% tax for 200000
annual income > 750000 and ≤ 1300000 extra 30% tax for 550000
annual income > 1300000 extra 35% tax for remaining amount

Un-married

annual income ≤ 400000 1% tax
annual income > 400000 and ≤ 500000 extra 10% tax for 100000
annual income > 500000 and ≤ 750000 extra 20% tax for 250000
annual income > 750000 and ≤ 1300000 extra 30% tax for 550000
annual income > 1300000 extra 35% tax for remaining amount

If gender is female

- 10% tax discount

4. Write Server side script to design following registration form and validate using proper format

Student Registration Form

Name : Enter full name

Father's Name :

Mother's Name :

Phone Number : 017xxxxxx0000

Email : sample@example.com

Gender : ☐ Male ☐ Female ☐ Other

Date Of Birth : - - (dd-mm-yyyy)

Address : Street- House- Road-

Blood Group : Select

Department : ☐ CSE ☐ EEE ☐ BBA

Course : ☐ C ☐ C++ ☐ Java ☐ AI ☐ Machine learning ☐ Robotics

Photo : Choose File No file chosen

Submit Reset

5. Develop a simple web page that asks the users input for name, email, password, phone, gender, and faculty and validate, store into database **project** table **registrations**.
6. Write a server side script for login process assume that your data is already store from previous question no 5.
7. Write a server side script to store, retrieve and destroy session data.
8. Write a server side script to store, retrieve and destroy cookies data.
9. Write a server side script for complete authentication process (Register, Login, Access of Dashboard, Session and Cookie Storage and Logout).
10. Write a server side script to store books data with following columns (id,title,publisher,author,edition,no_of_page,price,publish_date,isbn) .
11. Write a server side script to retrieve books data stored form above question no 10.
12. Write a server side script to modify books data stored form above question no 11.
13. Write a server side script to remove books data stored form above question no 12.

Guideline for Lab Report

Lab Report Format for each questions:

- Cover (Print)
- Lab Question
- Introduction & Topic Theory
- Syntax and Format
 - Functions and (asp tags or PHP syntax) if applicable
- Code-with proper file name.
- Output- With URL screenshot and Own Data and URL