1. Develop an HTML page to display student details in a table using table tag and apply colours (blue, green, pink) (CO1).

2. Develop a responsive webpage using CSS Flexbox using media queries (\*\*Mobile view, \*\*Tab view, \*\*Desktop view) (CO1).

3. Develop a JavaScript-based calculator web page that performs basic arithmetic operations. (CO1)

4. Write a JavaScript program to validate a login form (username and password )(CO2).

5. Make the static pages Responsive and attractive using Bootstrap components (cards, navbar, buttons) (\*Mobile View) (CO2).

6. Design a web page that changes the background of the text and changes font size from 12px to 30px when the mouse hovers over it (CO2).

7. Create a jQuery script to append a new list item to an existing unordered list (CO3).

8. Create a jQuery script to display an alert box showing the value entered in a text field (CO3).

9. Write a program that takes input as Json and displays output as a html table (CO3).

10. Develop and demonstrate PHP Script for the following problems: (CO4)

a. Write a PHP Script to find out the Sum of the Individual Digits.

b. Write a PHP Script to check whether the given number is Palindrome or not.

11. Develop a PHP script to send an email, including an HTML form for user input (recipient, subject, message), using the PHP Mailer library and an external SMTP server (like Gmail) for authentication and delivery. (CO4)

12. Develop and demonstrate PHP Script for the following problems: (CO4)

a. Write a PHP to find whether the number is prime or not.

b. Write a PHP Script to find out the factorial of a number.

13. Develop a PHP form for student registration on including photograph and display submitted data.(CO5)

14. write a PHP program ,assuming four users user1,user2,user3,user4 having pwd1,pwd2,pwd3,pwd4, respectively ,create a cookie and add these 4 users ID's and passwords to this cookie. Read the user id and password you entered in login form.(C05)

15. Write a PHP program to insert the questions and respective answers into the database through

admin page and display questions and answers. (C05)

16. Write a Flask code to connect to the database, and authenticate Login pages with jQuery and start a Session for Student. (CO6)

17.After user login, display Questions from the database into test page in shuffled manner using flask and store in database. (CO6)

18. Write a Flask code to do the following (C06)

Evaluate the answers of the test which is given by the student in the Test page and Calculate the total score of the student and store it into the database and display score in dashboard of student.