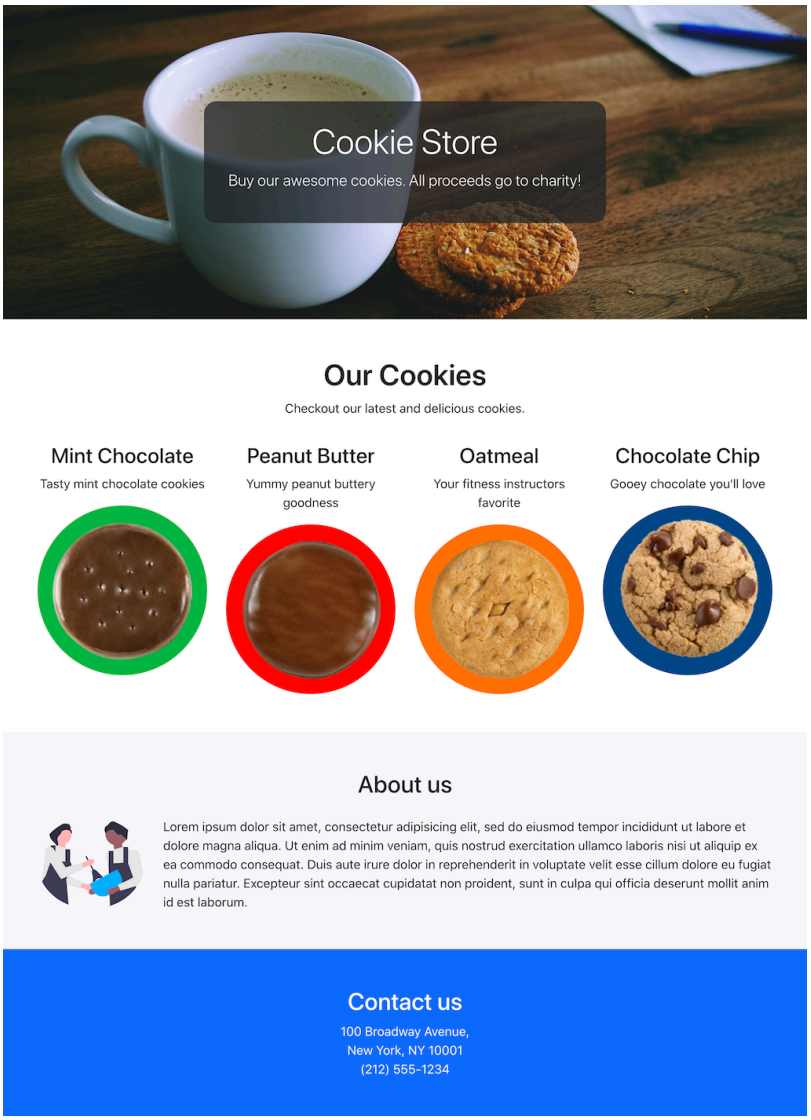
Section – A

1. Create a table using html to show your class routine.
2. Design a login form using HTML & JavaScript with following validations on username and password fields.
    i. Password length must be 6 to 12 characters
    ii. Username should not start with _, @ or number.
    iii. Phone number must be 11 digits start with 017/019/018/015
    iv. All fields should not be blank.



Sample of Question 3

3. Create a webpage that displays information about different types of cookies. The page should include the following sections:
    a. Header Section
        i. A large banner image with the text “Cookie Store” and a short tagline. Or you can add a navigation bar
    b. Our Cookies Section
        i. Display cookie cards (e.g., Mint Chocolate, Peanut Butter, Oatmeal, Chocolate Chip).
    c. Each card must contain:
        i. An image of the cookie
        ii. Cookie name
        iii. A short description
    d. Responsive Layout Requirements:
        i. On small devices (mobile) → show 1 card per row
        ii. On medium devices (tablet) → show 2 cards per row
        iii. On large devices (laptop/desktop) → show 3 cards per row
        iv. (Hint: Use Bootstrap grid classes like col-12, col-md-6, and col-lg-4.)
    e. About Us Section
        i. Include a short paragraph describing the store and its mission.

    f. Contact Section
        i. Include address, phone number, and email in a styled footer.

    g. Requirements:
        - Use Bootstrap’s grid system and cards.
        - Ensure the page is fully responsive.
        - Use appropriate spacing, borders, and colors.
        - *(Optional)* Add hover effects for cookie images.
        - If the responsive layout requirements are met, you will receive 90% of the marks; the other sections are optional.

Section – B

1. Write a javascript for loop that will iterate from 0 to 15 for each iteration, it will check if the current number is odd or even and display a message to the screen.
2. Write a java script function to print an integer with commas as thousands of separators.

3. Write a java script program which compute, the average marks of some students then this average is used to determine the corresponding grade.

Section-C

1. You are required to create a simple web application using PHP that allows users to register for an account.

   XAMPP Installation: https://www.youtube.com/watch?v=UjAbsItMPRY

   Data Insert PHP: https://www.youtube.com/watch?v=qxB_rtwP0zk

   Your application should include the following functionality:

   1. A user registration form with the following input fields:
      - Username
      - Email
      - Password
   2. When the user submits the form:
      - The password must be securely hashed before being stored in the database.
      - The email address must be unique for each user (i.e., no duplicate email registrations allowed).
      - The user details (username, email, hashed password) should be stored in a MySQL database.
   3. If registration is successful, display a confirmation message such as "Registration successful!"
      Otherwise, display an appropriate error message.

2. Create a PHP script that takes in two numbers as input and then calculates and displays the sum, difference, product, and quotient of those two numbers.

3. Suppose you have an array of integers called $numbers with the following values: $numbers = array(2, 4, 6, 8, 10); Write a PHP code to perform the following tasks:
    a. Print the first element of the array.
    b. Print the last element of the array.
    c. Add a new element with the value of 12 to the end of the array.
    d. Calculate the sum of all the elements in the array and print the result.

Structure of a Lab Report

1. Experiment No:
    a. Section A(1)
2. Experiment Name:
3. Objective:
   State the purpose of the lab.
   Example: To design a responsive user registration and login system using PHP and MySQL.
4. Tools Used:
   HTML, CSS, Bootstrap, PHP, MySQL, XAMPP
5. Code:
6. Output / Results:
   Include screenshot(s).
7. Conclusion:
   Summarize key learning points.
   Example: Learned to connect front-end design with PHP backend and implement secure, responsive forms.