Web Application Development Lab
Assignment – 1
HTML

1. Create an HTML page and perform the following operation –

    a. Display "Web Application Development" in an h1 tag

    b. Display "Master in Computer Application" in an h4 tag

    c. Design a simple navbar with links to the following questions– Home(Q1), List(Q2), Table(Q3), Login(Q4), and Registration(Q5).

    d. Add a bookmark on the navbar called Html to Question 1(h)

    e. Create a hyperlink on the navbar to link google.com using an anchor tag. On click, google should open on a new tab.

    f. Display a moving text "Happy Learning" with the yellow background color. Use different attributes to control speed, behavior, and direction.

    g. Take any image and display it on the web page. Control the height and the width of the image.

    h. Write a paragraph about HTML using the p tag

2. Create an HTML page and perform the following operation –

    Display the following unordered List –

    - Water
    - Milk
    - Tea
    - Coffee
    - Juice

    Display the following ordered list –

    I. Asia
    II. Africa
    III. North America
    IV. South America
    V. Antarctica
    VI. Europe
    VII. Oceania

    Display the following nested list –

    1. Algebraic Formula:
        - $(a + b)^2 = a^2 + b^2 + 2ab$
        - $(a - b)^2 = a^2 + b^2 - 2ab$
    2. Co-Ordinate Geometric Formula:
        - Distance between (x_1, y_1) and (x_2, y_2) is $\sqrt{(x_1 - x_2)^2 + (y_1 - y_2)^2}$
        - The midpoint between (x_1, y_1) and (x_2, y_2) is $((1/2)(x_1 + x_2), (1/2)(y_1 + y_2))$

3. Design a web page using HTML to display the following tables.
    a. Create a simple table to display the student's information like roll number, name, mobile, email, and profile photo. Enter at least two records.
    b. Create the table as given below.

MCA 3rd SEM Time Table

	09:50 - 10:45	10:45 - 11:40	11:40 - 12:35	12:35 - 01:30	01:30 - 02:25	02:25 - 03:20
MONDAY	Consultancy Hour		DBMS #456A	L U N C H B R E A K	ML #456A	AI #456A
TUESDAY	AI #456A	Python Lab #465			AI #456A	Cloud Computing #456A
WEDNESDAY	Cloud Computing #456A	ML #456A	DBMS #456A		UID Lab #466A	
THURSDAY	Consultancy Hour	Cloud Computing #456A	DBMS #456A		ML #456A	AI #456A
FRIDAY	DBMS #456A	Python Lab #465			UID Lab #466A	
SATURDAY	Consultancy Hour	Consultancy Hour	Consultancy Hour	Consultancy Hour	Consultancy Hour	Consultancy Hour

4. Design a web page to display a simple login form with email and password fields. Also, create a button for Log In.

5. Design a web page to display the enquiry page given bellow by combining both HTML Table and Form tag.

Program should have options – B.Tech, M.Tech, MCA, M.Sc.

Subject should have options – CSE, CST, CEN, EIE, EE, EEE, MCA, and Data Science

Silicon Institute of Technology

Enquiry Form 2023-24

Name:	First Name	Last Name	
Father's Name:			
Date of Birth:	dd - mm - yyyy		
Gender:	○ Male ○ Female ○ Other		
Address & Contact Info:			
Address:			
Mobile No:			
E-Mail:			
Acadeimc Qualification			
Secondary :	Board/University	Year of Passing	% or CGPA
Higher Secondary :	Board/University	Year of Passing	% or CGPA
Graduation :	Board/University	Year of Passing	% or CGPA
Admission Details			
Program:	Select ▾		
Select Subject:	Select ▾		
Undertaking by Candidate			
I have gone through the prospectus and the Rules & Regulations of the Institute. I declare that all the above information provided by me on this application form and supporting documents are correct to the best of my knowledge and belief. In case of any change in the given information, I will notify the same to the institute immediately. If the information is found incorrect at any stage, I will be responsible for the same and the Institute may take action as deemed fit.			
☐ I Agreed			
			Reset Submit

6. Design a web page and perform the following operation –

   a. Link an audio file to the html page

   b. Display a video on the web page

   c. Link one YouTube video onto your web page

   d. Display the Google Map location of SIT Bhubaneswar on your web page.