# University of Vavuniya

# Department of Physical Science

# Fundamentals of Web Programming (Practical) -IT1144 (P)

ICAE-01

Time Allowed:  1 hour                                      Date:  22.10.2021

Answer All Questions

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Instructions

**Create new folder name as your Registration number(for e.g.2019IT01 ) and save your files and images into that folder and convert as zip file then upload that zip file into the appropriate link in VLE**.

**Question**

You are asked to create a webpage (named index.html), and style sheet (named style.css).Your design should include the following elementary work. Sample design is given for you (refer Figure 1)

1. Create an index.html and a style.css files and link style.css file within the html file
2. Set the universal styles => margin to 0, padding to 0 and font to serif
3. Create a div tag with class called "main" within the body tag
4. Define the main class in the style sheet
    o Add a background image(The image  (main.jpg) given in the resource folder)
    o Add "width" and "height" properties
      (Note: background image needs to fill the full screen)
    o Set the image property to show the content clearly
      (Hint: linear-gradient)
    o Set the background property to display the whole screen (no-repeat)
    o Align the background image to center
      (Hint: background-position)

5. Create nav tag with class name called "navbar" within the div tag
6. Add img tag with class name called "logo" within the nav tag
7. Add unordered list with anchor tag for the navigation within the nav tag
8. Define the style for the list in the style sheet

- o Remove the list-style
- o Display the lists in one line (Hint: display)
- o Set the right and left margin to 20px for each list

9. Define the style for the anchor tag (within the list) in the style sheet
   - o Remove the text decoration
   - o Change the font color as white
   - o Change the font to upper case

10. Define the "logo" class in the style sheet
    - o Add "width" property to the logo image (Logo image(logo.png) given in the resource folder)
    - o Set the cursor to view as hand
    - o Add simple border and make the logo as circle

11. Define "navbar" class in the style sheet
    - o Set the "width" property to 85%
    - o Arrange logo and navigation lists to one line
      (Hint: display)
    - o Arrange the navigation lists to the right algin
      (Hint: justify-content)
    - o Arrange the items to center vertically using "align-items" property
    - o Add margin to arrange the items horizontally organized
    - o Add top padding 25px to organize the items

12. Create div tag with class name called "content" after the nav tag
13. Add h1 tag with your title
14. Add p tag with some content
15. Define the content class in the style sheet
    - o Change the font color as white
    - o Align the text to center
    - o Set top margin as 10%
16. Set h1 font size as 70px **using inline style type**
17. Set p font-size as 20px and top and bottom margin as 25px and left and right margin as 0
    **using internal style type**
18. Create a div tag within the div tag
19. Add "Login" and "Sign up" buttons using button tag within the div tag
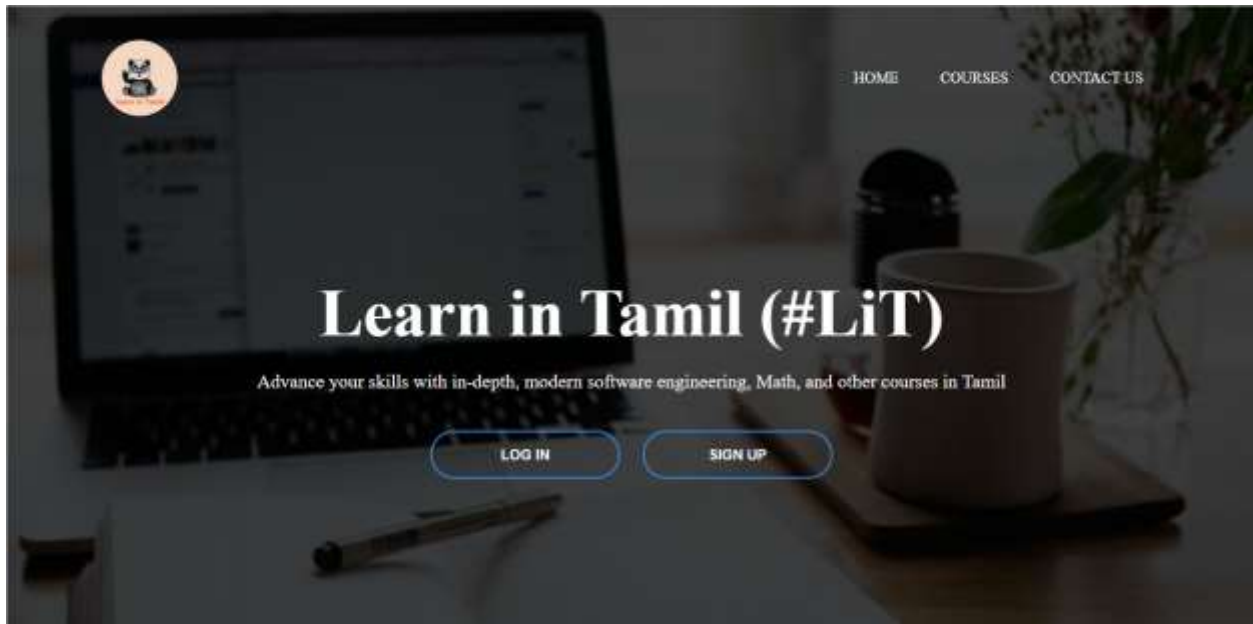20. Style the buttons using style.css external style sheet which you have already created

Figure 1