



University of Vavuniya

First Examination in Information Technology – 2022

First Semester – January/February 2024

IT1144 – Fundamentals of Web Programming (Practical)

Answer all Questions

Time Allowed : Three hours

Instructions:

- Source images are stored in the IT1144/image directory in the shared drive.
 - Screenshots for sample web pages are stored in the IT1144/output directory with the appropriate page names.
 - Create a folder on the desktop and name it with your index number (e.g.: -ITXXXX) and save all your files in that folder.
1. A recently established outdoor adventure enterprise named 'Emperld' has commenced operations in Nuwara Eliya. The management at Emperld has made the strategic decision to establish an online presence by launching a website to showcase its offerings and entice tourists. Your task involves crafting a website utilizing HTML and CSS while adhering to the specified criteria below:

(a) Login

- i. Design an aesthetically attractive login form that seamlessly integrates with the overall theme of the website.

[This question is continued on the next page]

- ii. Ensure the inclusion of distinct placeholders for both username and password fields, contributing to a user-friendly login experience within the website's design.
- iii. Incorporate a 'Sign In' button that, upon successful login, redirects users to the homepage, enhancing the navigation and functionality of the website.
- iv. Integrate a password visibility toggle feature, allowing users to switch between displaying or hiding the entered password for enhanced user convenience and security.

(b) Home

- i. Create an eye-catching and dynamic header on the homepage that prominently displays the company's name and tagline. This will capture visitors' attention and effectively convey the essence of the brand.
- ii. Incorporate an engaging slideshow showcasing diverse outdoor activities offered by 'Emperld', captivating visitors with visually appealing images and highlighting the range of experiences available.
- iii. Create a fixed navigation menu that stays visible at the top of the page while users scroll down, ensuring easy access to the menu options throughout the website browsing experience.
- iv. Add links to 'Home', 'Adventures', 'Login', and 'Contact Us' within the menu for easy navigation and access to key sections of the website.
- v. Add the copyright details at the bottom of the web page to signify ownership and protect intellectual property rights.

(c) Adventures

- i. Display a neatly arranged list showcasing the variety of outdoor adventures available, such as *hiking, mountain biking, rock climbing, camping, and bird-watching*.
- ii. Provide clear descriptions, pricing information, and captivating images for each adventure.

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- iii. Facilitate direct adventure bookings on the website, allowing users to easily *select, schedule, and confirm* their preferred adventures online.
- iv. Incorporate a 'Back to Home' button for easy navigation, allowing users to return to the homepage from any page within the website.

(d) Contact Us

- i. Feature Emperld' address and contact details prominently on the website for easy accessibility and communication.
- ii. Develop a simple and user-friendly contact form that includes fields for *name, email, phone number, and message*, facilitating easy communication between customers and Emperld.
 - Center-align the contact form on the web page for a visually balanced and easily accessible user interface.
 - Upon form submission, display a clear success message confirming the successful sending of the message, ensuring users are notified of the successful completion of their inquiry.
 - After form submission, incorporate a 'Back to Home' button, allowing users to easily return to the homepage for seamless navigation.
- iii. The Back button was used to return to the Home page.

[100%]