



**Pak-Austria  
Fachhochschule Institute of  
Applied Sciences and  
Technology, Haripur  
LAB Mid– Spring 2025**

Class: BSSE-F22 Blue  
Subject: Web Engineering  
Time Allowed: 1 hr 00 min.

Date: 12<sup>th</sup> March 2025  
Instructor: Mr. Umar Farooq  
Lab Engineer: Khizar hayat

**Instructions:**

You are required to complete the following lab task individually. **Plagiarism or copying from other students is strictly prohibited.** Ensure that your work is original and reflects your understanding of the task.

**Part A: HTML Structure (5 Marks)**

1. **Create an HTML page with the following structure:**

- A **header** with the company name: "**TechWorld**".
- A **navigation bar** containing links: **Home | Services | Contact Us**.
- A **main section** divided into **two parts side by side**:

**Left side:**

1. **Contact Form:**

1. Full Name (text input)
2. Email (email input)
3. Message (textarea)
4. Submit button

**Right side:**

An **image** related to technology **OR** a **short paragraph** about TechWorld (at least 3 lines).

- A **footer** with text: "© 2025 TechWorld. All rights reserved."

2. **Important Wrapping:**

- Wrap the left (form) and right (image/text) inside a div with class main-content

## Part B: CSS Styling and Layout (5 Marks)

1. **Add Background Image**
2. **Header and Footer:**
  - Background color with white centered text.
  - Padding for spacing.
3. **Navigation Bar:**
  - Horizontal using **Flexbox** or **inline-block**.
  - Add **hover effect** on links (background color change).
  - Make the Navbar position fixed.
4. **Main Section Layout:**
  - Use **Grid OR Flexbox** to place form on left and image/text on right **side by side**.
  - Add border and padding to form for better look.
  - Center main-content in the page with proper spacing.
  - **Image should have fixed width and height** (responsive if possible).
5. **Responsive Design** (Media Query):
  - On small screens (max-width: 600px):
    - Stack form and image/text **vertically** (one above the other).
    - Form and image/text take full width (100%).

## Part C: JavaScript (Console-Based) (5 Marks)

Q1. Take first name and last name from user, combine them, and convert to uppercase.

### Example:

If the user enters:

- First Name: **Khizar**
- Last Name: **hayat**

### Output:

KHIZAR HAYAT

Q2: Write a program to print even numbers.

- Take two numbers as input from the user (alert box) to define a custom range (starting number and ending number).