

Hands-On Laboratory 4: Receipt Generation from an Order Form

Learning Objective:

- Design and create an interactive order form using HTML and JavaScript.
- Apply JavaScript functions to calculate item totals and generate a dynamic receipt.
- Generate basic arithmetic operations and logical structuring in a real-world context.

Introduction:

In today’s digital world, online transactions are everywhere—from food delivery to shopping apps. These platforms calculate totals and generate receipts dynamically using programming logic. This activity simulates such a real-life scenario using **JavaScript**, focusing on core concepts like **functions**, **form inputs**, **DOM manipulation**, and **basic arithmetic**

ACTIVITY 1: Build a Food Panda–Like Order Form with Receipt Generator

Instructions:

1. Create a simplified version of a Food Panda order interface.
2. Tasks:
 - Build the order from scratch and modify based on your preferences with 3 stores and 5 menu items
 - Used JavaScript to calculate the subtotal VAT (12%) and total
 - Formatted receipt using CSS, and displayed the correct date/time
 - Used `window.print ()` to allow printing.
3. The user should be able to:
 - Choose from 3 stores.
 - Select food and drinks with quantities
 - Add multiple items to their order and choose.
 - View a dynamically calculated receipt
 - Print the final order summary
4. What to submit:
 - In the doc file, converted to a PDF File
 - ✓ Screenshot of the Food Panda-like order form
 - ✓ Screenshot of 3 different orders with generated receipts and final order summary
 - Zip HTML code
 - File name: LastName_LAB4

Criteria	Pts.	Excellent	Good	Need Improvement
Functionality and work independently	20	Form, calculation, receipt, and print all work flawlessly	Minor issues with layout or logic	Major functions are not working
Code Quality	20	Well-organized, uses functions, and has clear naming	Mostly structured with small improvements needed	Poorly written or hard to follow
Design & User Interface	10	Receipt is styled, readable, and user-friendly	Basic styling with some formatting	Unstyled or difficult to read output
TOTAL	50			