

Assignment for B.Sc. I semester

Web Designing (CSCSE11)

1. Shopping Cart Price Calculator (Variables + Operators)

A store gives discounts based on purchase amount.

Write a JavaScript program that:

- Take the price of **three items** as variables.
- Calculates
 - total amount
 - GST at 18%
 - final price after GST
- Print all values using `console.log()`.

2. Movie Ticket Eligibility (if-else + Logical Operators)

A cinema hall allows a person to watch a movie only if:

- Age ≥ 16
- They have a valid student ID

Write a program that:

- Takes two variables: `age` and `hasStudentID`
- Use **logical operators** (`&&`, `||`) and **if-else** to check eligibility

- Print:
 - “Allowed to enter”
 - OR “Entry denied”

3. Find the First 5 Multiples of a Number (Loops)

Write a program that:

- Takes a number `n`
- Uses a **for loop** to display the first **five multiples of n**
- Example: if $n = 4 \rightarrow$ output: 4, 8, 12, 16, 20

Bonus: Skip the third multiple using `continue`.

4. Bank Transaction Function

```
function deposit(balance, amount)
```

- Adds amount to balance
- Returns updated balance

Write code to:

- Start with balance = 1000
- Call `deposit()` with 500
- Call `withdraw()` with 700
- Print the final balance

5. Timetable with **colspan**

Design a **weekly class timetable**:

- Days: Monday to Friday
- Create slots: 9–10 AM, 10–11 AM, 11–12 PM
- Combine **Lunch Break (12–1 PM)** across all 5 columns using `<td colspan="5">Lunch Break</td>`

Also:

- Use a border and background color for the lunch row.
- Use header cells (`<th>`) in the first column.

Disclaimer: Kindly submit the assignment before 24th December, 2025.