

Name: Mukund Kuthe

3rd Year Section B (B1)

Practical 1 to 3

1. Task 1

<input type="text" value="1"/>	<input type="text" value="2"/>	<input type="text" value="50"/>	<input type="button" value="Calculate"/>
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You ordered 2 1(s) at ₹50 each. Total: ₹100.

```
<!DOCTYPE html>
<html>
<body>
<form id="billForm">
  <input type="text" id="itemName" placeholder="Item Name">
  <input type="number" id="quantity" placeholder="Quantity">
  <input type="number" id="price" placeholder="Price">
  <button type="submit">Calculate</button>
</form>
<p id="result"></p>

<script>
const calcBill = (item, qty = 1, price) => {
  const total = qty * price;
  return `You ordered ${qty} ${item}(s) at ₹${price} each. Total: ₹${total}.`;
};

document.getElementById('billForm').addEventListener('submit', e => {
  e.preventDefault();
  const { value: itemName } = document.getElementById('itemName');
  const { value: quantity } = document.getElementById('quantity');
  const { value: price } = document.getElementById('price');
  document.getElementById('result').innerHTML =
    calcBill(itemName, Number(quantity) || undefined, Number(price));
});
</script>
</body>
</html>
```

2. Task 2

<input type="text" value="Mukund"/>	<input type="text" value="20"/>	<input type="text" value="mukund.kuthe.btech2023@"/>	<input type="button" value="Register"/>
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Welcome, Mukund (Age: 20). Your email mukund.kuthe.btech2023@sitnagpur.siu.edu.in has been registered successfully!

```
<!DOCTYPE html>
<html>
<body>
<form id="regForm">
  <input type="text" id="name" placeholder="Name">
  <input type="number" id="age" placeholder="Age">
  <input type="email" id="email" placeholder="Email">
  <button type="submit">Register</button>
</form>
<p id="result"></p>

<script>
document.getElementById('regForm').addEventListener('submit', e => {
  e.preventDefault();

  const user = {
    name: document.getElementById('name').value.trim(),
    age: Number(document.getElementById('age').value),
    email: document.getElementById('email').value.trim()
  };

  const { name, age, email } = user;

  // Validation
  if (!name) {
    return result.innerHTML = "Error: Name cannot be empty.";
  }
  if (isNaN(age) || age < 13 || age > 120) {
    return result.innerHTML = "Error: Age must be between 13 and 120.";
  }
  if (!/^^[^\\s@]+@[^\\s@]+\\.^[^\\s@]+$/\\.test(email)) {
    return result.innerHTML = "Error: Invalid email format.";
  }

  result.innerHTML = `Welcome, ${name} (Age: ${age}). Your email ${email} has been registered successfully!`;
});
</script>
</body>
</html>
```