**Assignment: Scientific Calculator App Development in Android**

**Objective:**  
Develop a **Scientific Calculator App** using **Java** or **Kotlin** in **Android Studio** that performs both basic and advanced mathematical operations.

**Requirements:**

1. **Basic Operations:** Implement addition, subtraction, multiplication, and division.
2. **Scientific Functions:** Include trigonometric (sin, cos, tan), logarithmic (log, ln), square root, exponentiation, and factorial functions.
3. **User Interface:** Design a clean, responsive layout similar to the **iPhone calculator**, featuring buttons for numbers, operators, and scientific functions, along with a display for inputs and results.
4. **Error Handling:** Ensure the app displays clear and user-friendly error messages for invalid inputs (e.g., division by zero).
5. **GitHub Submission:** Push your complete project code to **GitHub** and submit the **repository link** on **Horizon**.

*Email submissions will not be accepted.*

1. **Deadline:**  
   Late submissions will **not be accepted** under any circumstances.

