Documentation for Smart Calculator

1. Introduction

The Smart Calculator is designed as a web-based application in order to conduct both simple and complex mathematical procedures. It therefore includes the basic arithmetic operations - addition, subtraction, multiplication, and division; it also presents square root, logarithms, and exponentials.

2. Features

Execution of basic mathematical operations

Presentation of higher-function calculations, namely square root, logarithm, and exponentiation

Real-time calculation results displayed

Ease in simplicity of operation

Created for backend processing with PHP

3. Technologies Applied

HTML in structure

CSS in styling

PHP for Backend Logic

4. How it Works

User fills in the number fields and selects the operation. User clicks the "Calculate" button to view the result processed through the PHP script.

5. Files Included index.php: handles both input and the display of the result Documentation file: This document

6. How to Run the Project Start XAMPP and install it. Put the project folder inside the htdocs directory. Open a browser and type in localhost/calculator\_project/index.php. Perform calculations and instantaneously view the results.