

Project

Scientific Calculator

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Motivation

Writing a program for arithmetic operations is somewhat easy, but for operations between several values is difficult. This and the variety of vectors and complex number calculations gave us motivation to take up this project.

Highlights

- Code involves DSA, Structures, Dynamic memory allocation and various other concepts in C language.
- In this, we had done computational, Vector, Complex and Matrix calculators.

Things learned

Many different concepts like Stacks, structures and memory allocation had been learned.

Area of Improvement

If we had more time, we could have added trigonometric and logarithmic functions as well.

Future Scope

Many other interesting things like Equation solver, Unit converters and differential equation solver can be added in future. User interface can also be updated.

Contributions

SHASHIKANTH- Computational calculator

SARAVANARJUN- Matrix calculator

PARMESHWAR- Complex calculator, Demo video

YASHRAJREDDY-Vector calculator and project PDF