

## **ABSTRACT**

Differential equation solver is an efficient and convenient way of solving the equations. It can be used by different companies that are dealing with mathematical areas of computer field. The main use of this software is to analyze and solve the equations, which are of two types i.e. EXACT and NON-EXACT differential equations and then it gives us the general solution of exact differential equations.

The tools used are simple and easy to understand. The tool used in this project is JAVA programming language. The goal of this project is that it provides a simple and faster way for the user to solve the differential equations.

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