**Introduction:**

The project is all about functions and description of all the mathematical steps involved in solving any matrices problem. Features that this product will contain are:

* Identification of Different type of Matrices.
* Applying basic operations on matrices.
  + Addition
  + Subtraction
  + Multiplication
  + Division
* Applying matrices rules on given input, i.e.
  + Transpose of a matrix
  + Adjoint of matrix
  + Matrix Mod i.e. |A|
  + Cremer rule
  + Equation solution

**Restrictions:**

Matrix length is under 5x5 boundary.

**Output Formats:**

The software will provide two options to the user either to see the simulation of all the steps performed in the calculation process or just directly have the output in relevant representation style.