



Object Orientated Programmig Project

Submitted to:-

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Regestration No:-

FA20-BCS-099

Computer Science Department

Working Report of Project

TITLE OF Projcet:

MATH SOLUTION

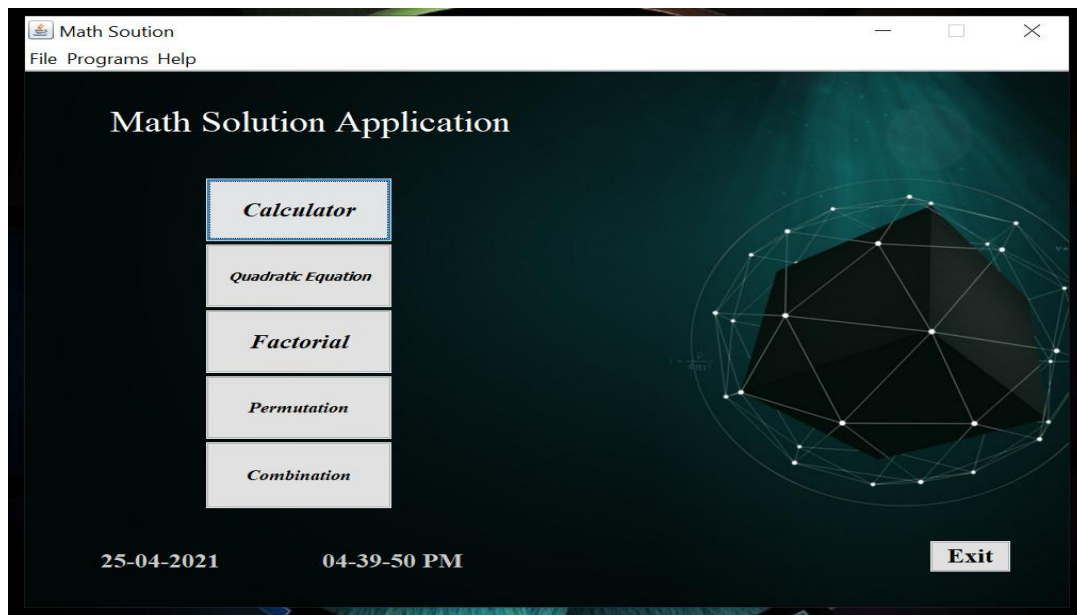
ABSTRACT:

This Project was on application made to solve the math problems. This include following Math solving Windows. It can also Display Date and Time.

- ❖ Quadratic Equations
- ❖ Combination
- ❖ Permutation
- ❖ Factorial
- ❖ Calculator

When user Run the Project The main Window opens it Displays the Date and Time and the Buttons.

MAIN Window Picture



WORKING:

When the Programs start it displays the main Window which posses the button and display time and date

The user have five options to Select

CALCULATOR:

In the Calculator user perform the Simple Calculation of dataytype double.

Quadratic Equation:

In this window user input the values of quadratic equation and program tells the nature and roots or discriminat of equation

If user don't enter the values the program displays the error message this function performed by the valid () function. This Interface aslo performed action on enter key preseesd.

FACTORIAL:

In this window user input the value and it calculate the factorial.

If user don't enter the value the program displays the error message this function performed by the valid () function. This Interface aslo performed action on enter key preseesd.

COMMBINATION:

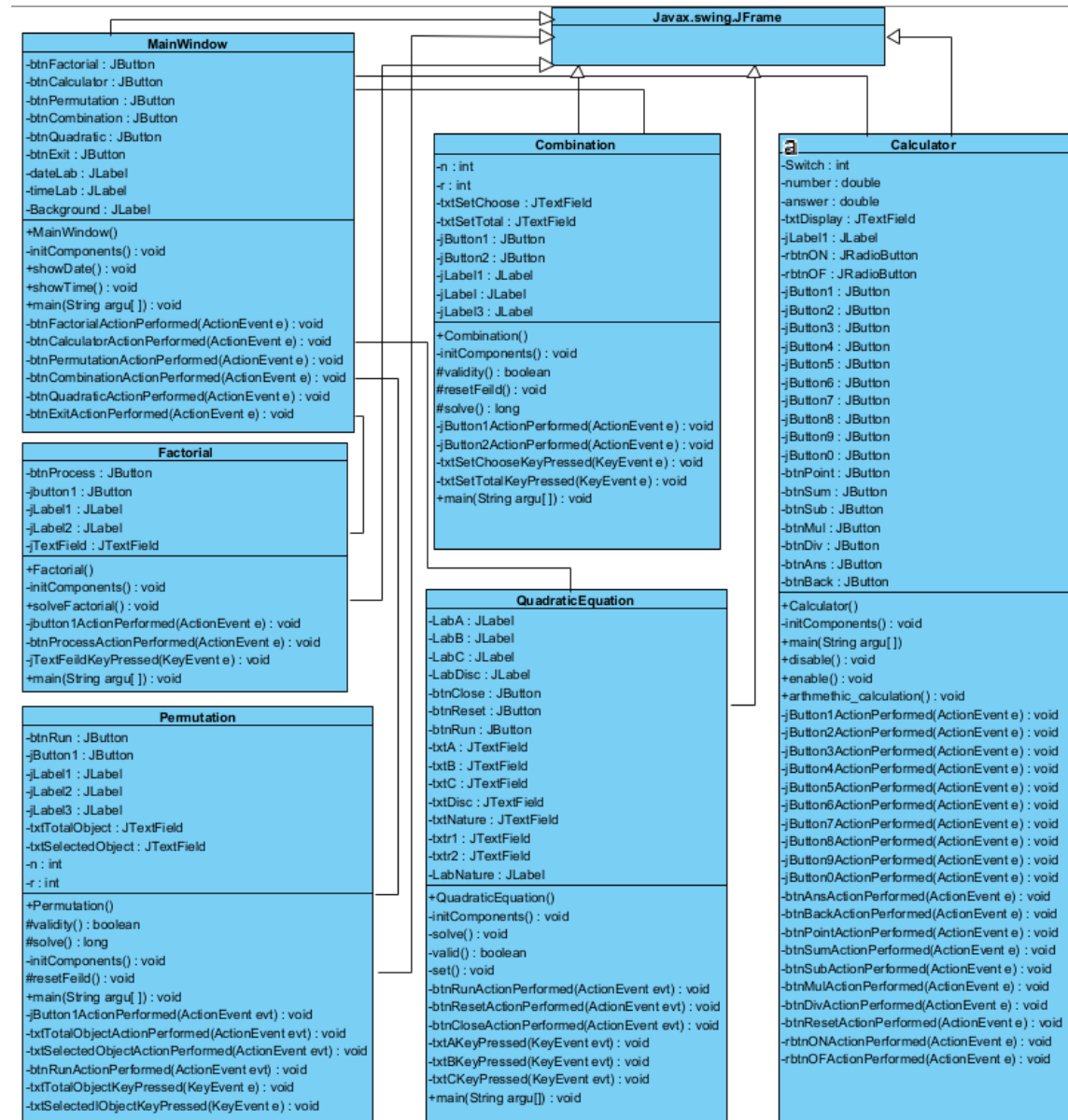
In this window user input the values and it calculate the Commbination. This is also known as nCr.

If user don't enter the value the program displays the error message this function performed by the valid () function. This Interface aslo performed action on enter key preseesd.

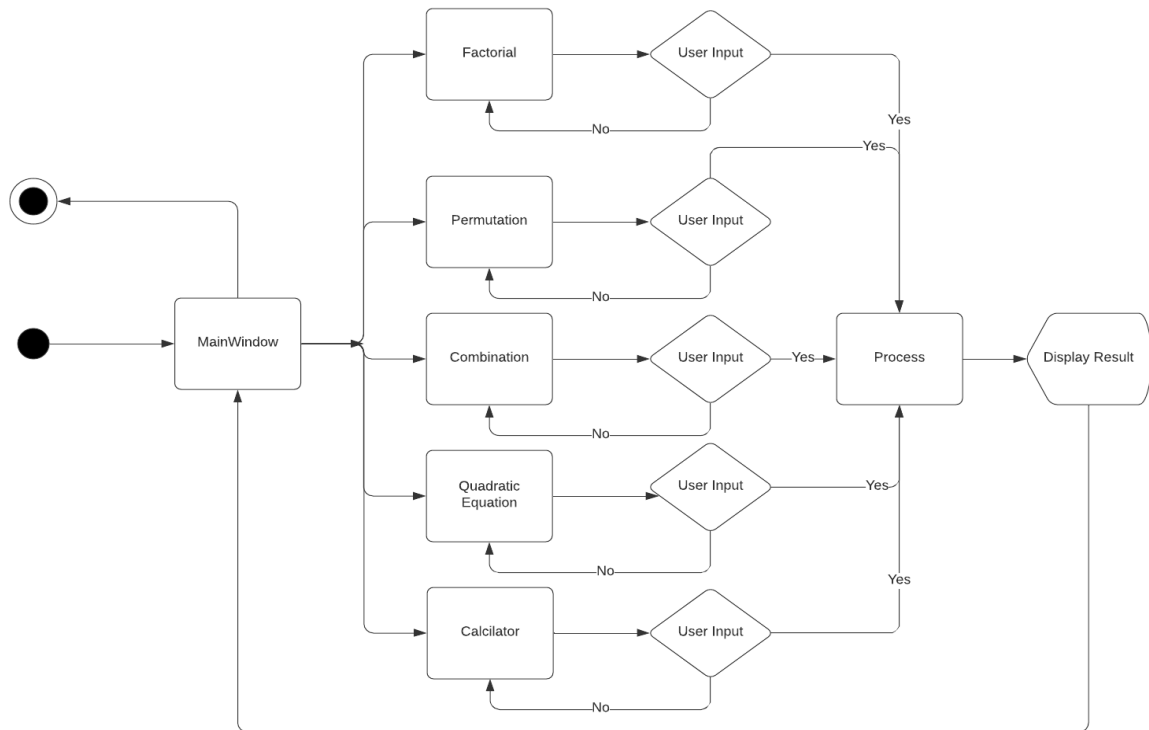
PERMUTATION:

In this window user input the values and it calculate the Permutaions. This is also known as nPr

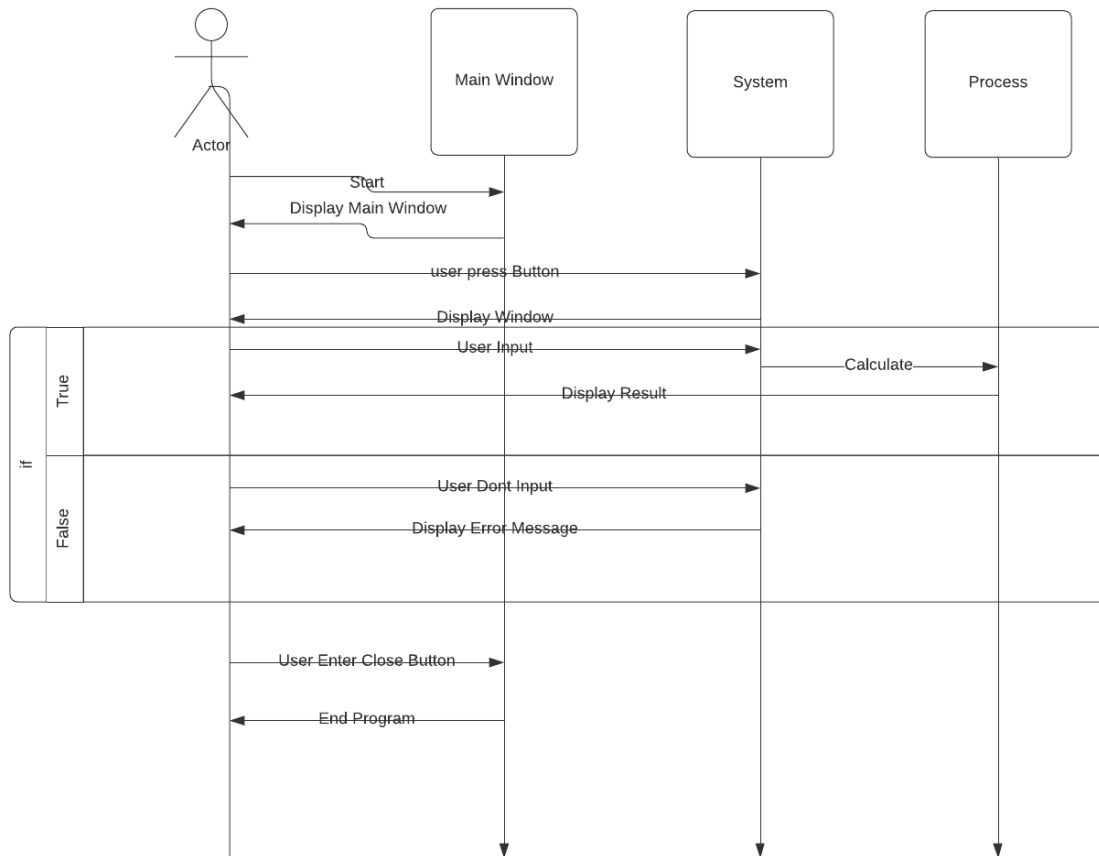
If user don't enter the value the program displays the error message this function performed by the valid () function. This Interface aslo performed action on enter key preseesd.

CLASS DIAGRAM:

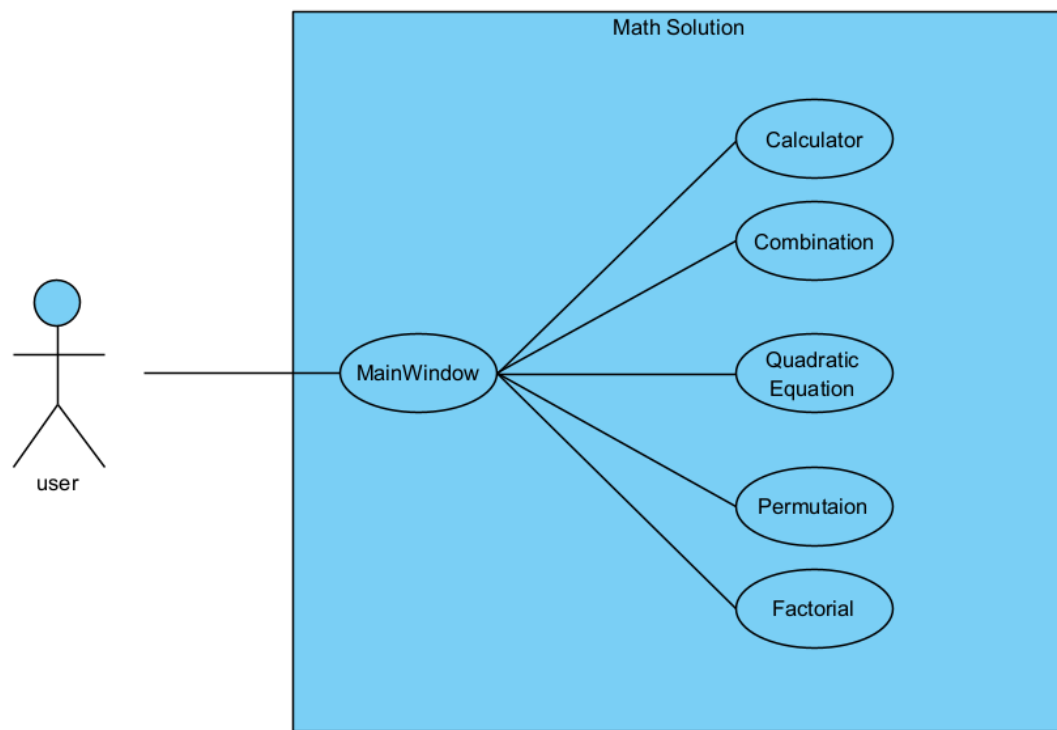
ACTIVITY DIAGRAM:



SEQUENCE DIAGRAM:



CASE DIAGRAM:



STATE DIAGRAM:

