**ABSTRACT**

Calculator With Matrix:-

This calculator was developed by DSR and here using HTML & JS. Here 3 typesofcalculatorswerebuilted.Theywere1.BASIC,2.SCIENTIFIC,3.MATRIX.BasicCalculator:Inbasiccalculatortoperformthefollowingoperations.1.Addition,2.Subtraction,3.Multiplication,4.Division.Scientific Calculator : In scientific calculator to perform the all basic operations and it also used for some scientific operations. Like,1.sin , 2.cos, 3.tan, 4.power, 5.root(^).Matrix Calculator In matrix calculator to perform the bellow operations.1.Matrix Addition,2.Matrix Subtraction,3.Matrix Multiplication,4.Rearrange the matrices i.e; A->B,A->C,C->A,B->C,C>A,C>Betc.5.Determinant.i.e;determinant(A),determinant(B).

The following is for a simple calculator; a scientific calculator is more complicated. I will assume the user will press keys to have a number appear on the display; to (for example) add this with another number, the user presses "+" followed by the second number, followed by "=". You would use a visual interface, with the number display, the digits, the equal sign, and a few operations (plus, minus, multiply, divide).

As soon as the user types the second number, the first number will disappear from the screen; therefore, you have to save it into some variable. Every time a key is pressed, you have to decide whether you should add a digit to the number in the display (if it is a digit, or a period), or whether to do a calculation (if it is +, -, \*, /). If it is an operation, do the operation (conditionally, depending on the selected operation), and replace the number displayed by the new value.