

TCES 430 Project Proposal

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We plan to make a simple calculator using the hex display and a number pad. The number pad will be used to enter operands and operators, with buttons A, B, C and D as addition, subtraction, multiplication, and division, respectively. The calculator will have the following properties:

- Able to receive input from switches
- Able to do ADD, SUB, MUL, DIV capability
- Able to show the result in decimal (required for DIV)
- The display will show the numbers as they are inputted, and will show the result after calculation.
- It should be able to calculate and display operations that have a result of 9,999 or less, otherwise it will display "err."