

Lab Task - 9



- Design the calculator as above. (You may use colors of your choice).
- The calculator should perform the basic arithmetic operations ($+$, $-$, $*$, $/$).

Hint:

- Initially the display screen shows either *nothing* or a *zero*.
- Whenever a numeric button is clicked, value of that button is showed on the screen.
Example: if **6** is clicked, the screen shows **6**. If **1** is clicked after 6, **61** is showed on the screen.
- Whenever any of the $+$, $-$, $*$, $/$ button is pressed, the value shown on the screen is stored in a variable and the screen shows either *nothing* or a *zero*.
- Step ii** is repeated until the $=$ button is clicked.
- Whenever $=$ button is clicked, the value showed on the screen is stored in another variable and calculation is done with the two variables according to the operator clicked in **Step iii**.
- The result of the calculation is shown on the screen.

Sample Calculation:

- ✓ $617 + 912 = 1529$
- ✓ $50.2 + 6.2 = 56.4$
- ✓ $912 - 617 = 295$
- ✓ $50.2 - 6.2 = 44$
- ✓ $12 * 2 = 24$
- ✓ $12 / 2 = 6$