Internship Work Demo

Shivankar Pilligundla

First Task

Bubble sort Implementation

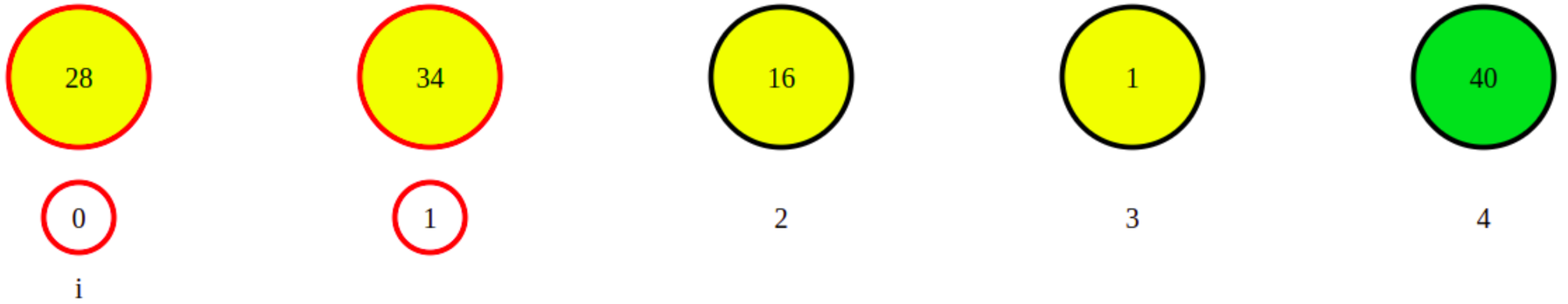
Replica of Algodynamics implementation of bubble sort.

Resources:

- https://elmprogramming.com/
- https://guide.elm-lang.org/

Array Not sorted!

index(i): 0
boundary(b): 5

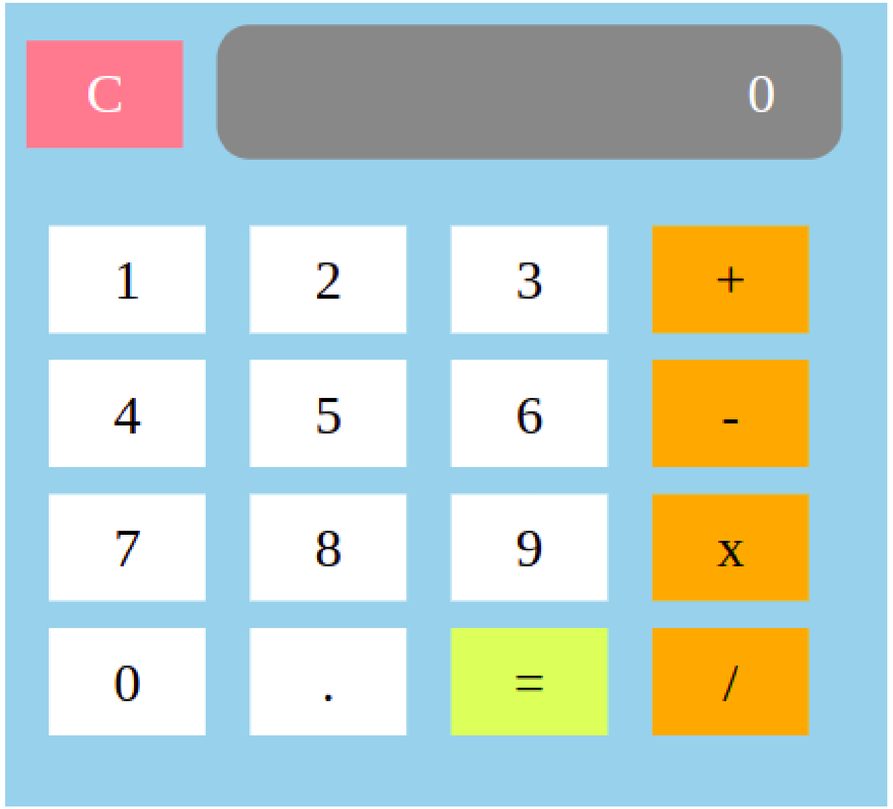


swap | increase i | Decrease b | Reset i

Reset

Calculator

Calculator Implementation using Elm

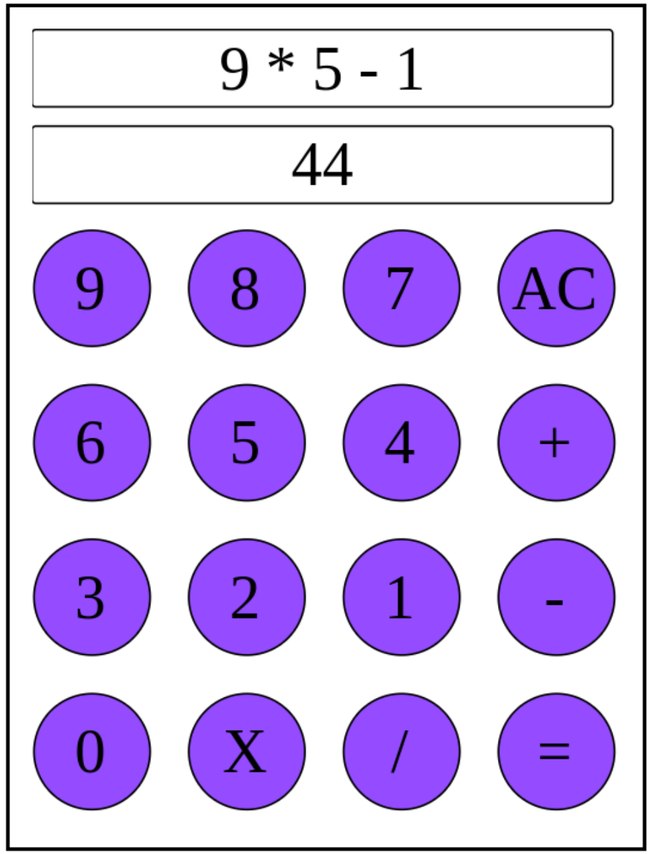


Calculator Template

Configurable calculator made using the given template

Features:

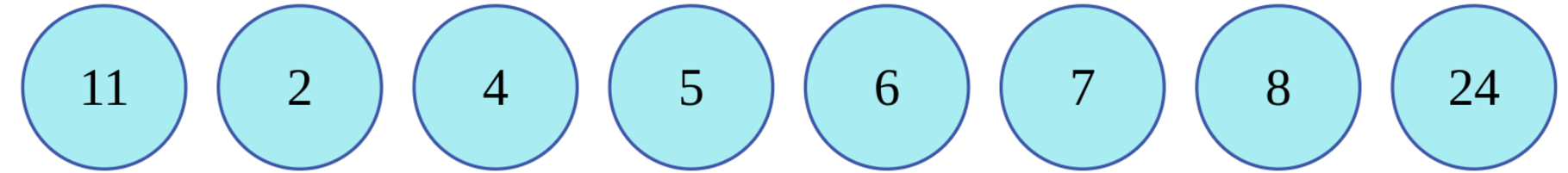
- dynamic button layout with parameters like no of rows, columns.
- configurable button parameters like shape, fill etc.



Array View

Array Visualisation using elm-dagre

- Custom drawers for array specific parameters like indices etc.
- Parameters like direction, node shape etc.
- Property to choose no of elements in row i.e wrap value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Thank You