

## 1. Introduction to Tailwind CSS

Introduction - Getting started with Tailwind - Installing Tailwind - Writing First program. Tailwind Basic - utility - preflight - duplication - prefixes - CSS units. Typography - size and shape - color and opacity - alignment and spacing - list - pluggings - Tailwind forms. The Box - Padding and margins - borders - background colours - background images - height and width.

## 2. Designing web pages.

Page layouts - containers - floats and clears - position and z-index - Tables - grids - flex box - Box alignment - animations - transitions - transformation - other appearances. Responsive design - tailwind screens widths and breakpoints - hide based on size - fewer grid columns on small devices. Customizing Tailwind - change default values - change generated classes - configure variant prefixes - integrate with existing CSS - access TW from JS - Purge CSS

## List of Experiment

1. Create a simple web page with TW CSS
2. Create simple flex box.
3. Display natural nos. using grids.
4. design text paragraph using various
5. Display content with necessary images with colors.
6. Create web pages with border & effects
7. using various layouts
8. Create a simple form with Tables and Filters

9. Perform transition and animation in the interactive web page.

10. Develop responsive web page

### Reference.

i> Modern CSS with Tailwind : Flexible styling without fuss.

Author: Noel Rappin's, The pragmatic programmers, 2022

ii> Brad traverse, "Tailwind CSS from scratch - learn by building projects", PACKET publishing 2022

### Assessment pattern

Written test - 50 marks

Application development - 100 marks