TAILWIND CSS

SHEERAZ MEHBOOB

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TailWind CSS

- Uses an approach to build Web Apps called Utility First approach.
- You can create a unique Web app without using CSS
- Unlike Bootstrap Tailwind has no classes, it only has a responsive grid and flex box classes

➔ You can either download GitHub repository or setup the environment by creating a new folder tailwind that contains "index.html" file.

Requirements:

- NPM
- NPX (use to rum modules without actually install them but install temporary copy of any package)
- Git
- Install Tailwind
  - ❖ Tailwind JIT CLI
    - ▪ Method -1:
      1. Command: npx tailwindcss -o ./css/styles.css --jit --purge "./**/*.html" –watch
      2. --purge (automatically find all classes in html files)
      3. JIT (Just in Time Compiler)
      4. --watch (lookup for changes in files)
    - ▪ Method -2:
      1. npm init -y
      2. npm install -D @tailwindcss/jit tailwindcss postcss
      3. npx tailwindcss init –p
      4. customize tailwind.config.css and package.json accordingly
      5. run npm start
  - ❖ CDN (not preferred when working on project as it is not fully customizable)
    - ▪ No Customization
    - ▪ No Plugins

- No Tree Shaking (No automatic detection whether a part of code is removed or added)
- No JIT

Styles:

Custom Builds:

By default, all styles are defined like break points but we can customize them or add new ones. We can do this by extend the portion of "config" file by adding additional elements to existing object.

- New:

```
theme: {
  extend: {
    screens: {
      medium: '1200px'
    }
  },
}
```

- Customize:

```
theme: {
  extend: {
  },
screens: {
      sm: '640px',
      md: '768px',
      lg: '1024px',
      xl: '1280px',
      '2xl': '1536px'
    }
}
```