

# Summary 2

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to read:

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## 1. JavaScript - basic syntax

- Variables (let, const)
- Conditionals (if, else, else if, switch-case)
- Lists
- Loops (for, while)
- List iteration (foreach, filter, map)
- Functions (normal functions, arrow functions)
- Classes and objects

more advanced:

- Factory functions

## 2. Web Design

Common web-page layouts and components

Layouts

- Single Column / Long Scroll
- F-Layout
- Z-Layout
- Left Sidebar Layout
- Card-Based Layout

Components

- Header
- Sidebar
- Topbar
- Main
- Footer
- Card

## 3. Web Development concepts

- DOM ( Document Object Model )
- Server
- Database
- Load
- Fetch
- Initialization
- Dynamic Design

## tasks:

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### 1. Design a Mood to abstract Art App

App that lets you choose your current mood and applies it to a canvas as a color.

### 2. Sketch Book App

Web app that allows you to draw simple sketches. bonus: color choice