# Final Exam: HTML & CSS

## WEP 2024

### {2h}

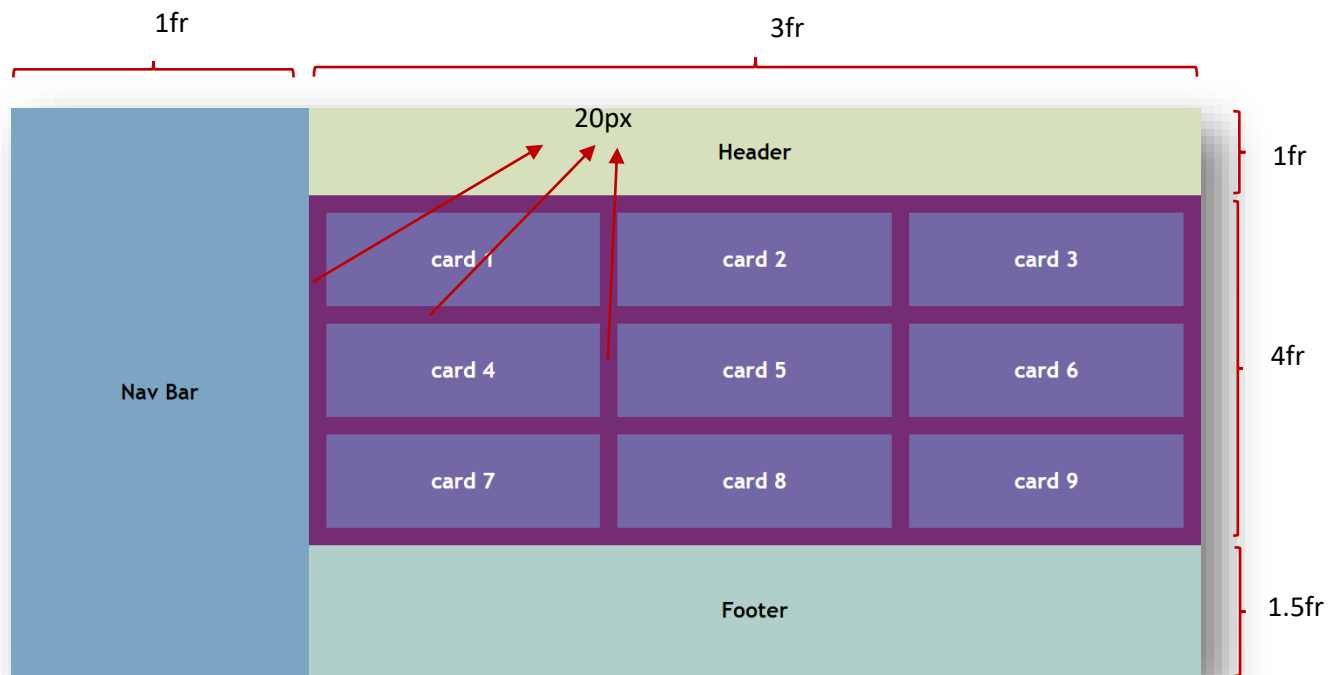11 September 2023

| EXERCICES | POINTS |
|-----------|--------|
| Practice 1 | 30 |
| Practice 2 | 30 |
| Practice 3 | 40 |
| **TOTAL** | **100** |

**RULE:**

- *Don't change any existing code.*
- *Don't check any documents.*
- *Don't talk to each other.*
- *Close all social media applications.*
- *If we see anyone cheat during exam you will get 0 score.*

# EXERCISE 01

Write CSS style to make existing HTML by using **Grid** as the result below.



1fr

3fr

20px

Header

card 1    card 2    card 3

card 4    card 5    card 6

Nav Bar

card 7    card 8    card 9

Footer

1fr

4fr

1.5fr

## Grid properties allowed:

```
grid-template-columns
grid-template-rows
grid-template-areas
grid-area
gap
justify-items
align-items
```

## Color code:
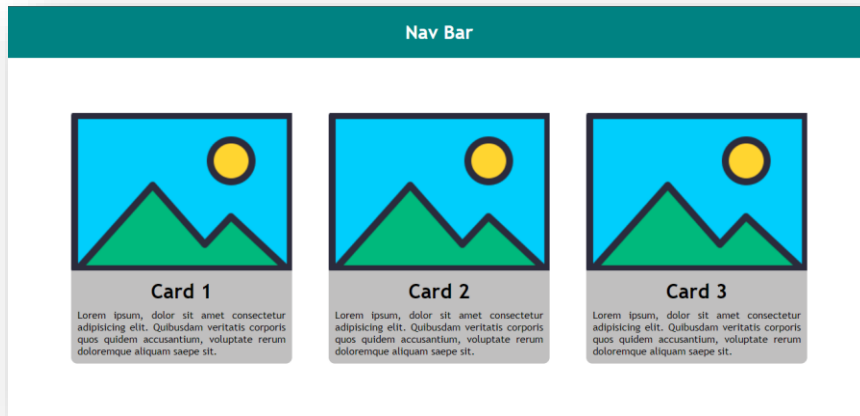
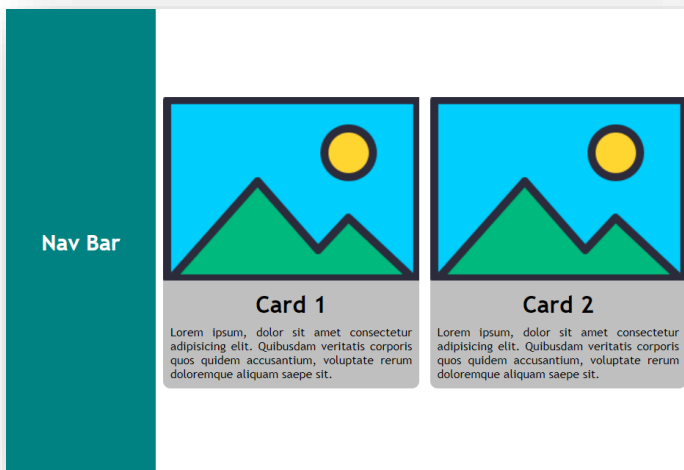| | | |
|---|---|---|
| | Navbar: | #86a3c3 |
| | Header: | #d8e0bb |
| | Main: | #6b3074 |
| | Card: | #7268a6 |
| | Footer: | #b6cec7 |

# EXERCISE 02

Write CSS style using **flexbox** to make responsive of this webpage into two divides such Tablet, and mobile phone like the images below.
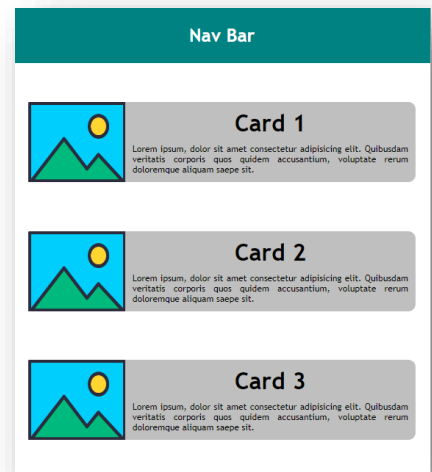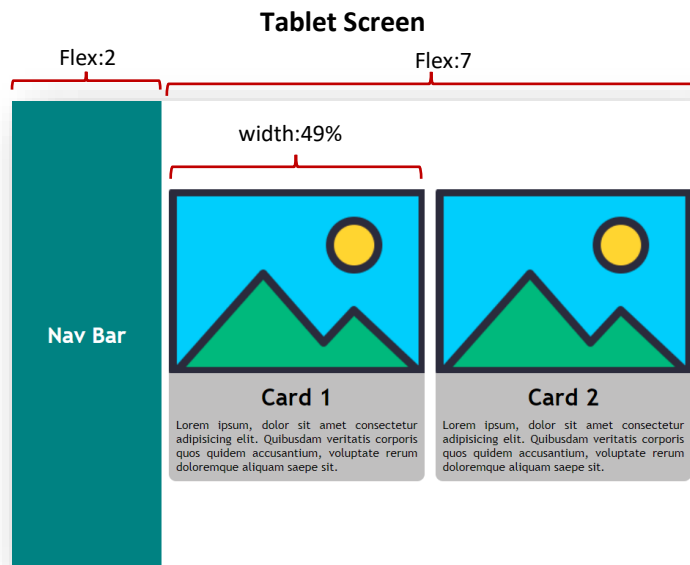
Default screen



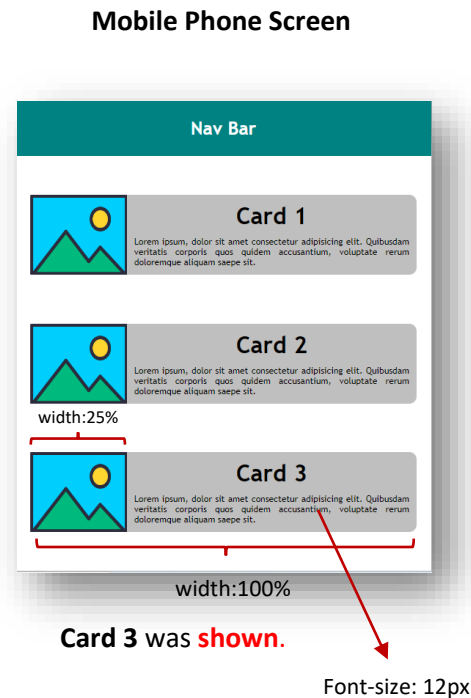min-width:768px | max-width:1024px



min-width:320px | max-width:767px

# Tablet Screen

Flex:2

Flex:7

width:49%



Nav Bar

## Card 1

Lorem ipsum, dolor sit amet consectetur adipisicing elit. Quibusdam veritatis corporis quos quidem accusantium, voluptate rerum doloremque aliquam saepe sit.

## Card 2

Lorem ipsum, dolor sit amet consectetur adipisicing elit. Quibusdam veritatis corporis quos quidem accusantium, voluptate rerum doloremque aliquam saepe sit.

**Card 3** was **hidden**.

# Mobile Phone Screen

Nav Bar

## Card 1

Lorem ipsum, dolor sit amet consectetur adipisicing elit. Quibusdam veritatis corporis quos quidem accusantium, voluptate rerum doloremque aliquam saepe sit.

## Card 2

Lorem ipsum, dolor sit amet consectetur adipisicing elit. Quibusdam veritatis corporis quos quidem accusantium, voluptate rerum doloremque aliquam saepe sit.

width:25%

## Card 3

Lorem ipsum, dolor sit amet consectetur adipisicing elit. Quibusdam veritatis corporis quos quidem accusantium, voluptate rerum doloremque aliquam saepe sit.
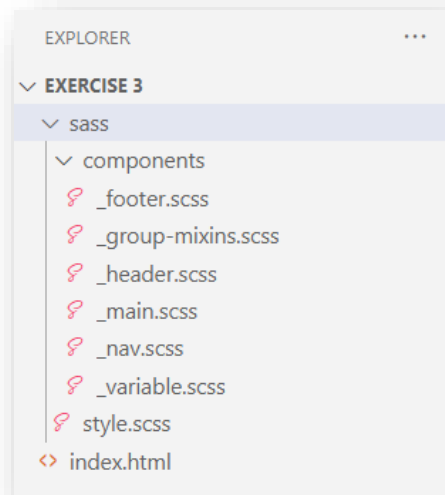
width:100%

**Card 3** was **shown**.
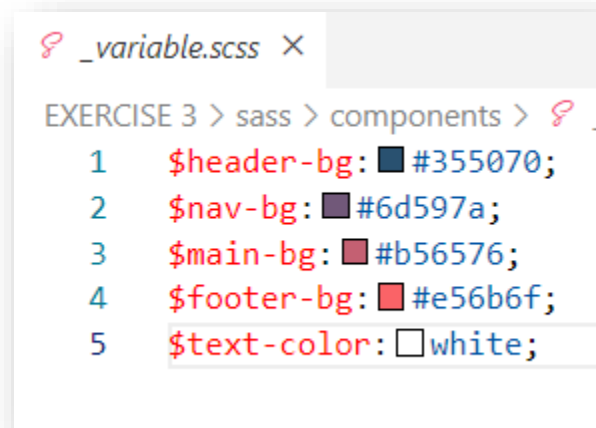
Font-size: 12px

# EXERCISE 03

For this exercise we will use grid layout properties as existing CSS file there.

This is Sass file structure in the exercise 3



Each sass file you need to code by yourself.

For variable component file you should naming variable name as picture below:

**Noted:**

❖ for the color code you need to follow the existing style.
❖ in group-mixins component file you need to create two different components, one for ***text-centered***, another one for ***text-formated***.

```scss
_group-mixins.scss  ×
EXERCISE 3 > sass > components > _group-m
1    @mixin text-centered {
2        display: flex;
3
4
5    }
6
7    @mixin text-formated {
8        color: ☐white;
9
10
11
12
13
14   }
```

Here is the expected result: