

WEB DESIGN

Mid Term

Course	Web Design
Exam Type	Mid Term
Duration	2 hours
Generation	GEN-10
Date	NOV 20 th 2024
Exam Rules	<ul style="list-style-type: none"> • All documents allowed • The following actions are forbidden and will conduct to a 0 score: <ul style="list-style-type: none"> ○ Talking or exchanging information with another student ○ Using Internet or any Network

Evaluation

Exercise 1	20 points
Exercise 2	30 points
Exercise 3	50 points

To start

- Read this **document** AND the start **code** (ZIP) from MS TEAM

To submit

- Submit this **document** AND your **code** (ZIP) on MS TEAM

EXERCISE 1 (20 pts) *CRITICAL THINKING*

Q1 – 6 pts

You need to apply a style to 5 elements on a page.

*Would you **use a class, an ID, or a type selector**? Justify your choice and explain the potential risks of each method.*

Q2 – 3 pts

You are tasked to design a button with an exact width of 100px, including padding and borders.

*Which **box-sizing mode** should you use, **and why**?*

Q3 – 3 pts

You are creating a photo gallery.

*Would you use **Flexbox or Grid for the layout**? Explain your decision, considering alignment, responsiveness, and maintenance.*

Q4 – 3 pts

You need to add space between a button and the text above it.

*Should you use **margin or padding on the button**? Justify your choice.*

We should use padding to add space between a button and the text above it.

Q4 – 5 pts

Here is a website folder structure.

```

/project
├── index.html
├── about/
│   ├── about.html
│   ├── team/
│   │   ├── team.html
│   │   ├── css/
│   │   │   └── team-style.css
│   │   ├── img/
│   │   │   └── team-photo.jpg
│   │   └── js/
│   │       └── team-script.js
│   └── css/
│       └── about-style.css
├── blog/
│   ├── blog.html
│   ├── post/
│   │   └── post1.html
│   ├── css/
│   │   └── blog-style.css
│   ├── img/
│   │   └── blog-banner.jpg
│   └── js/
│       └── blog-script.js
├── assets/
│   ├── fonts/
│   │   └── custom-font.ttf
│   └── videos/
│       └── intro-video.mp4
├── css/
│   └── global.css
└── js/
    └── main.js

```

Fill up the table with the **hyperlink**, so that we can create an anchor link from the **source folder** to the **destination file**.

<i>PATH TYPE</i>	<i>SOURCE FOLDER</i>	<i>DESTINATION FILE</i>	<i>HYPERLINK LINK</i>
ABSOLUTE		team-style.css	href= ??
RELATIVE	project/about/team	blog.html	href= ??
RELATIVE	project/ blog/css /	team-style.css	href= ??
RELATIVE	project/ blog/js /	Global.css	href= ??
ABSOLUTE		intro-video.mp4	href= ??

EXERCISE 2 (30 pts)

Design the bellow mock up using a **GRID layout**.

PART 1 – Main components – 25 pts

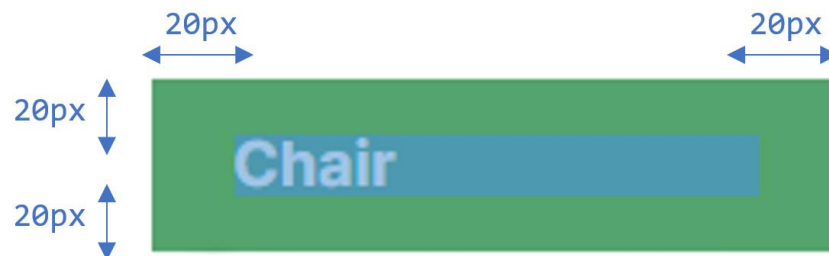
Design the bellow mock up.

- Your need to change both CSS and HTML
- Use the color as the bellow mockup

800px

Chair	The Laid Back	The Worker Bee	The Chair 4/2
Width	80 cm	60 cm	220 cm
Height	100 cm	110 cm	90 cm
Depth	70 cm	65 cm	80 cm
Weight	16 kg	22 kg	80 kg

- Each cell should have the same paddings:



EXERCISE 3 (50 pts)

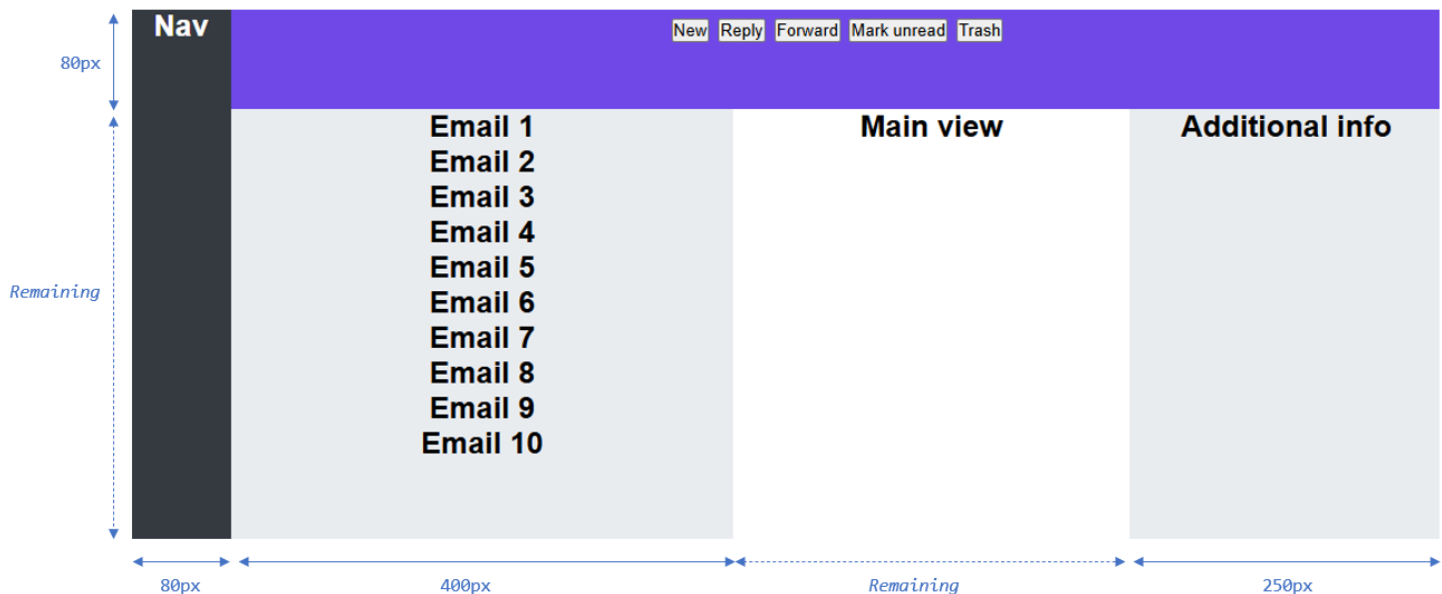
PART 1 – Main components – 20 pts

Design the below mock up using a **GRID layout**. (No grid layout = no points!)

- The HTML is provided and **cannot change**.
- *Remaining* means the related row or column **shall stretch** on the available space.

Colors:

- Menu #343a40
- Left Section #7048e8
- Nav #e9ecef



PART 2 – Inner elements – 30 pts

Continue the work by designing the **menu buttons** and **email items**

- Use the types of layouts you want
- Note: the **email section has a scrollbar**: are you able to display it?

Colors:

- Menu button: # 5F3DC4
- Last menu button # d6336c
- Email # adb5bd

