

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.*

We would use a **class selector**. I can make a class in the tag of html for creating elements. We can use .name of class in CSS file, so we can assign style, color, background-color, margin, border, padding and other things that we want to assign it. It makes easy for assign style just use point (.) to name of class. Syntax in html <div class="item1">. An ID selector is used # name of ID in CSS. A type selector is just called name tag to CSS file.

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**?*

Box-sizing mode is in model border-box. Border-box model is including padding, borders.

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.*

I would use Flexbox for the layout for creating a photo gallery. It is easy for assign image. It just makes tag of flex box like as: div, span, h, p and use into tag. For CSS we call display flex, and we can assign width, height for photo gallery. Flexbox used for creating box that assign photo, image and other things in it.

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 need to add space between a button and the text above it. We should use on padding because button and text are in content. Space between button and text is in space of padding.

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	project/about/team/css	team-style.css	href= project/about/team/css/team- style.css
RELATIVE	project/blog	blog.html	href= project/blog/blog.html
RELATIVE	project/about/team/css	team-style.css	href=project/about/team/css/team- style.css
RELATIVE	project/assets/css	Global.css	href= project/assets/css/Global.css
ABSOLUTE	Project/assets/video	intro-video.mp4	href=project/assets/video/intro- vido.mp4

EXERCISE 2 (30 pts)

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

PART 1 – Main components – 25 pts

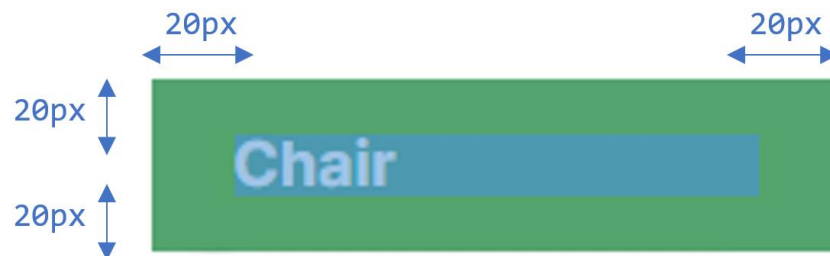
Design the bellow mock up.

- 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)

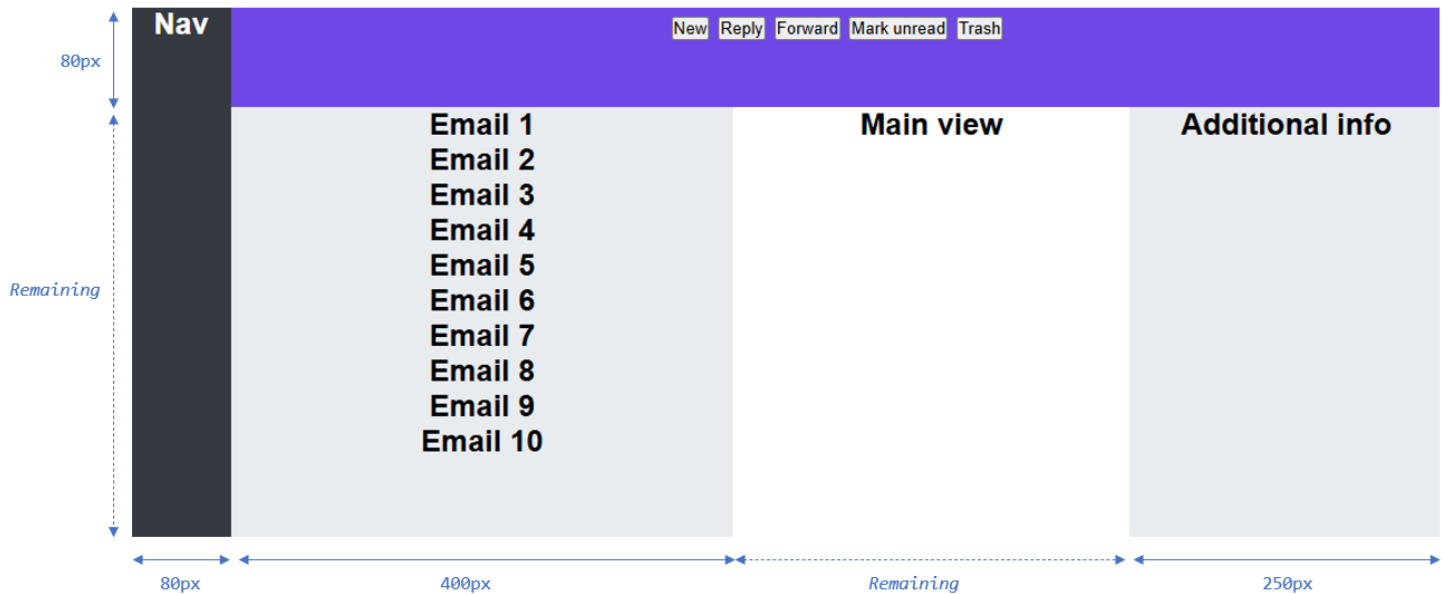
PART 1 – Main components – 20 pts

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

