

TP 04

Web Design



Layout Design with **CSS** and **HTML**

Introduction to Web Design

❑ Assets

- **Design Idea** <https://www.pinterest.com/>
- **UI/UX Design Idea** <https://dribbble.com/>
- **Icons, Images** <https://www.flaticon.com/>
- **Icons** <https://remixicon.com/>, <https://heroicons.com/>
- **Colors** <https://mycolor.space/>

❑ UI Material resources

1. <https://ant.design/components>
2. <https://www.creative-tim.com/vuematerial/components/button>
3. <https://mui.com/material-ui/react-button/>
4. <https://getbootstrap.com/docs/5.3/components/button-group/>

TP04 Exercises

❖ TP04.1. Child element positioning

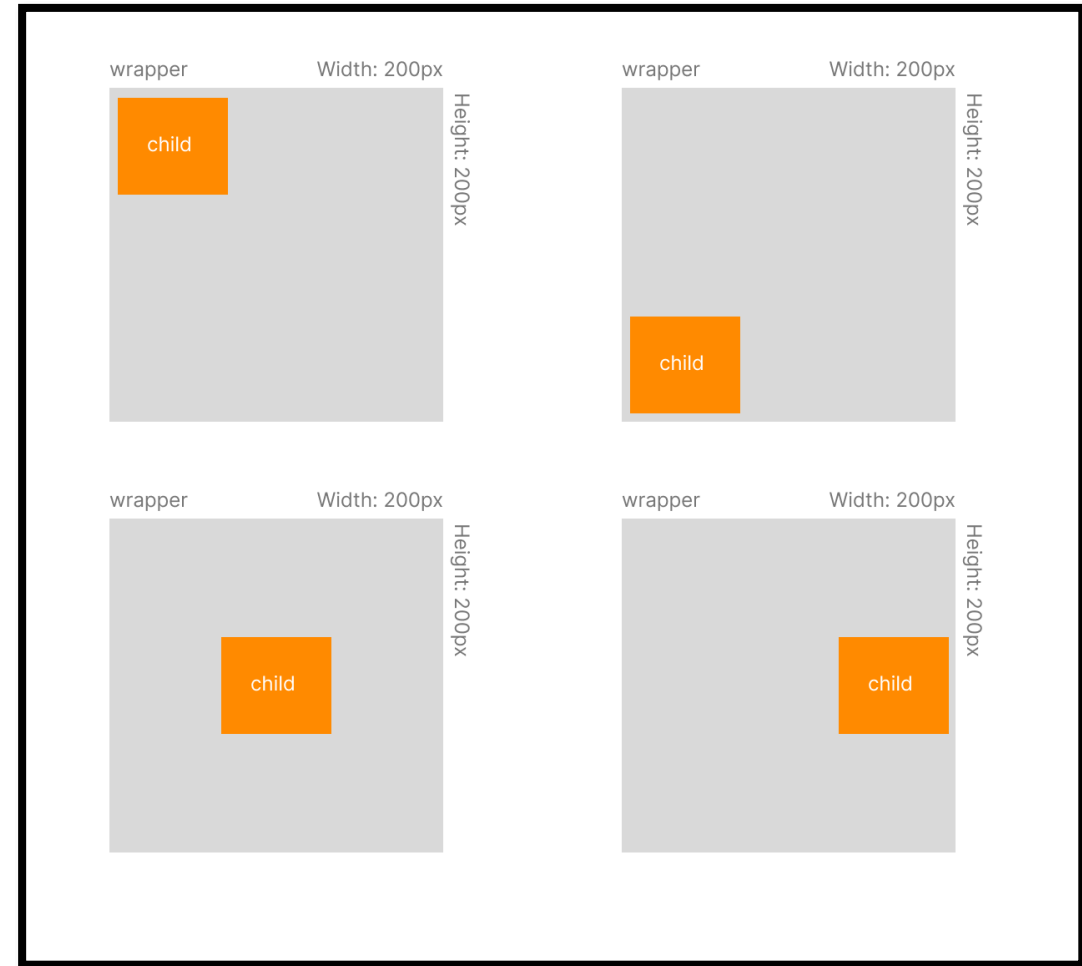
Design following UI with 2 different cases that produce the same result in CSS and HTML

Case 1: using the following basic css properties

```
display: flex;  
flex-direction: column || row;  
justify-content: center || end || start;  
align-items: center || end || start;
```

Case 2: using the following basic css properties

```
position: relative || absolute;  
left: 0px;  
right: 0px;  
top: 0px;  
bottom: 0px;  
translate: -50% -50%;
```



TP04 Exercises

❖ TP04.2. Child element alignment

Design following UI with 2 different cases that produce the same result in CSS and HTML

Case 1: using the following basic css properties

```
display: flex;  
flex-direction: column || row;  
justify-content: center || end || start;  
align-items: center || end || start;
```

Case 2: using the following basic css properties

```
position: relative || absolute;  
left: 0px;  
right: 0px;  
top: 0px;  
bottom: 0px;  
translate: -50% -50%;
```



TP04 Exercises

❖ TP04.3. Row and Column layout

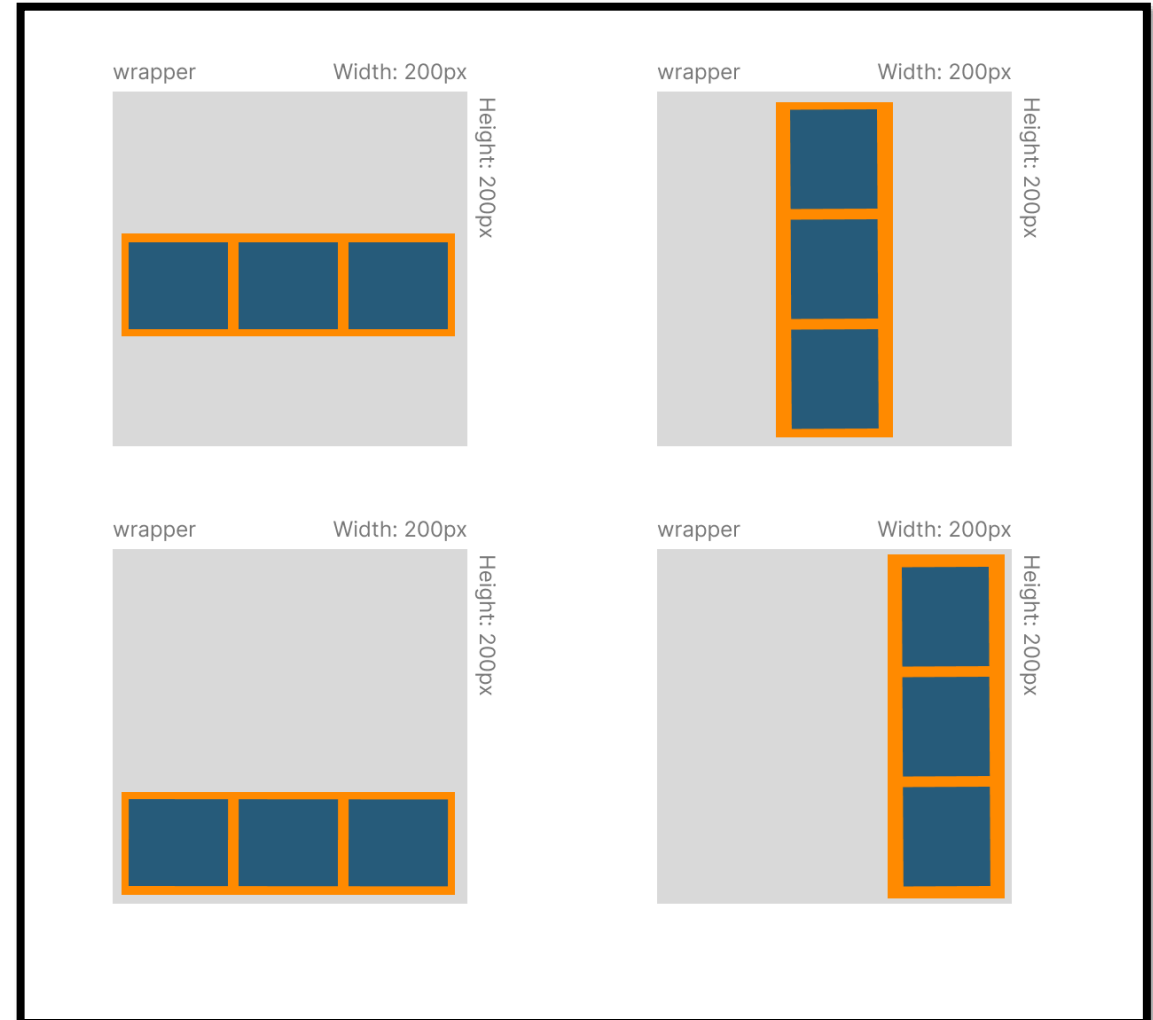
Design following UI with 2 different cases that produce the same result in CSS and HTML

Case 1: using the following basic css properties

```
display: flex;  
flex-direction: column || row;  
justify-content: center || end || start;  
align-items: center || end || start;
```

Case 2: using the following basic css properties

```
position: relative || absolute;  
left: 0px;  
right: 0px;  
top: 0px;  
bottom: 0px;  
translate: -50% -50%;
```



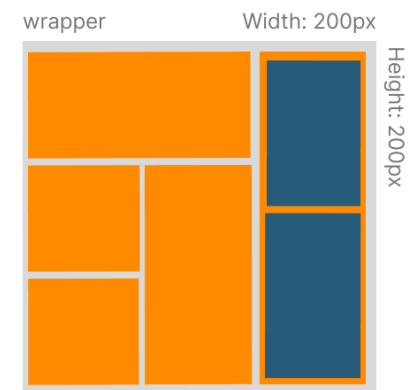
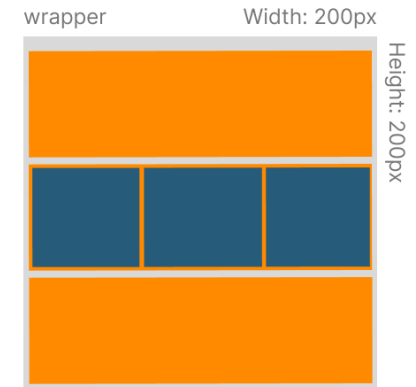
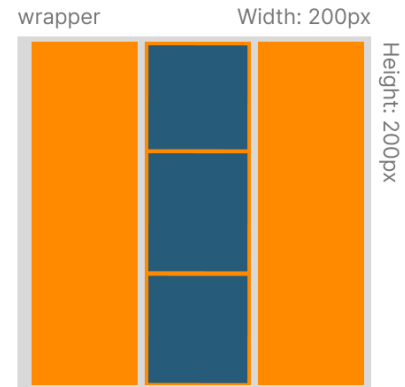
TP04 Exercises

❖ TP04.4. Row and Column layout with flex direction

Design following UI in CSS and HTML

Using the following basic css properties

```
display: flex;  
flex-direction: column || row;  
justify-content: center || end || start;  
align-items: center || end || start;
```



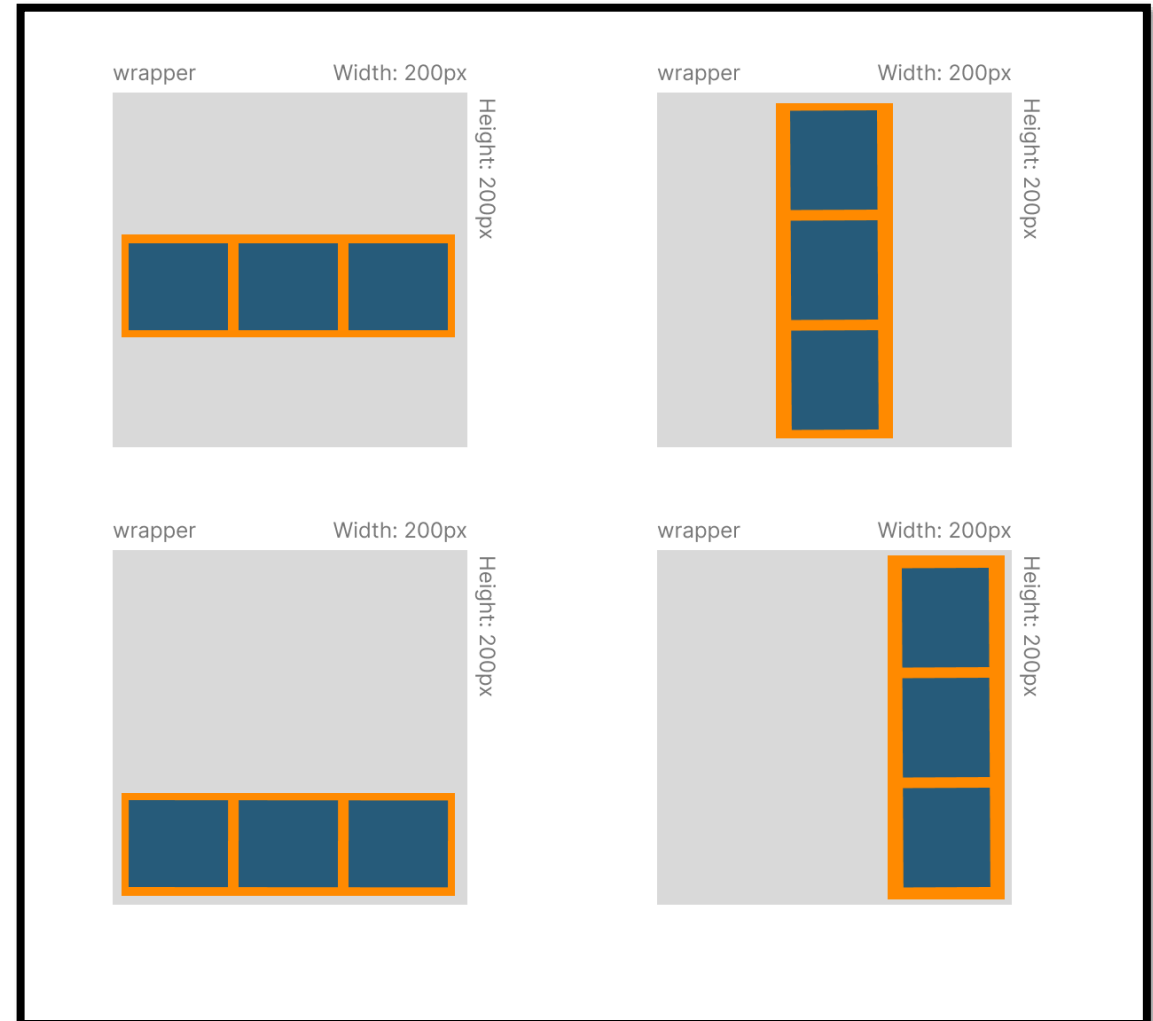
TP04 Exercises

❖ TP04.5. Absolute positioning

Design following UI in CSS and HTML

Using the following basic css properties

```
position: relative || absolute;  
left: 0px;  
right: 0px;  
top: 0px;  
bottom: 0px;  
translate: -50% -50%;
```



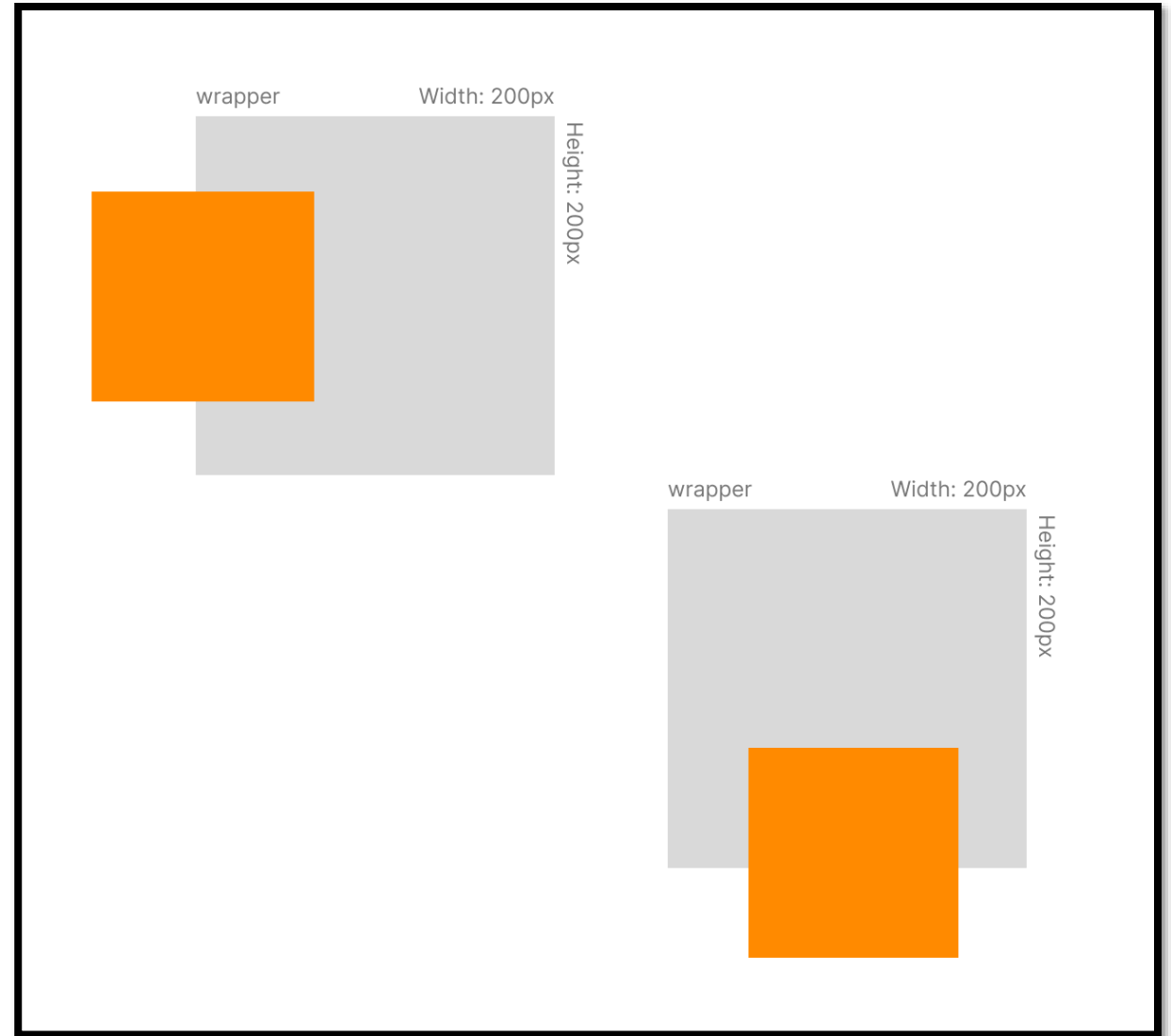
TP04 Exercises

❖ TP04.6. Absolute positioning

Design following UI in CSS and HTML

Using the following basic css properties

```
position: relative || absolute;  
left: 0px;  
right: 0px;  
top: 0px;  
bottom: 0px;  
translate: -50% -50%;
```



Good luck 🍀

👉 How to submit my TP???

👉 Screenshot your source code and result into a single **pdf** file
and submit to the **MS Team**

Note: Please don't submit your assignments with Zip or Rar file