

Tutorial 2 CSS



Tutorial 2

CSS Recap/Practise

Assignment 2 review

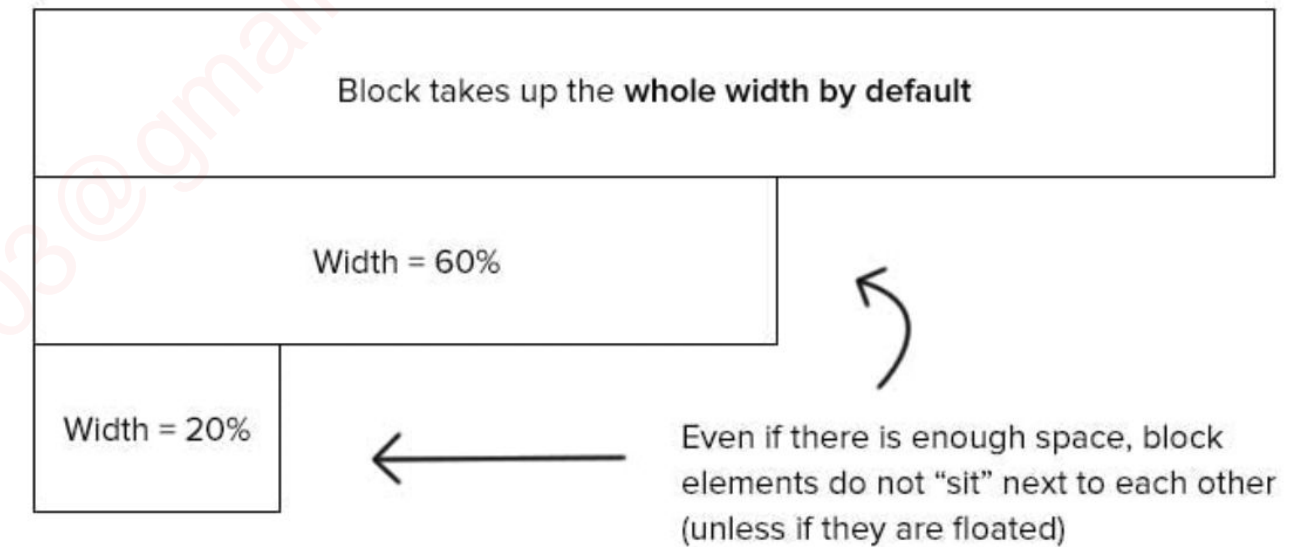
Q & A

CSS Practice

- Display

```
div {  
  display: block;  
  display: inline-block;  
  display: inline;  
  display: none;  
}
```

Block

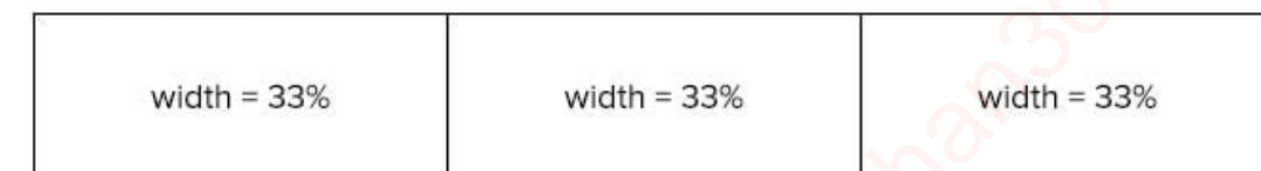


Inline

Inline elements are things like **bold** and *italics*.
You cannot control the height and width of these elements

Inline-block

inline block elements can sit on the same line



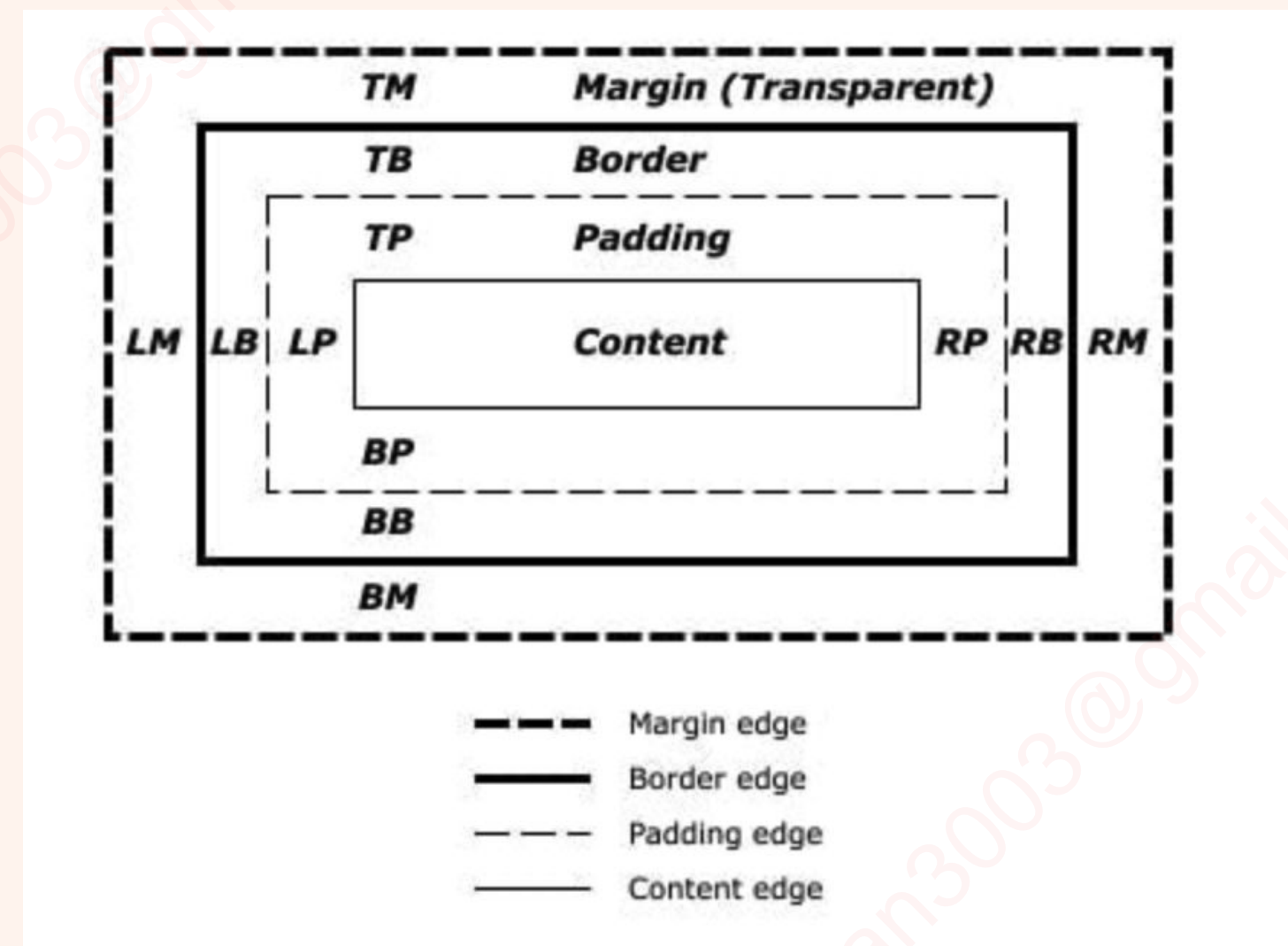
AND

combines block properties and *inline* properties

CSS Practice

- Margin and padding

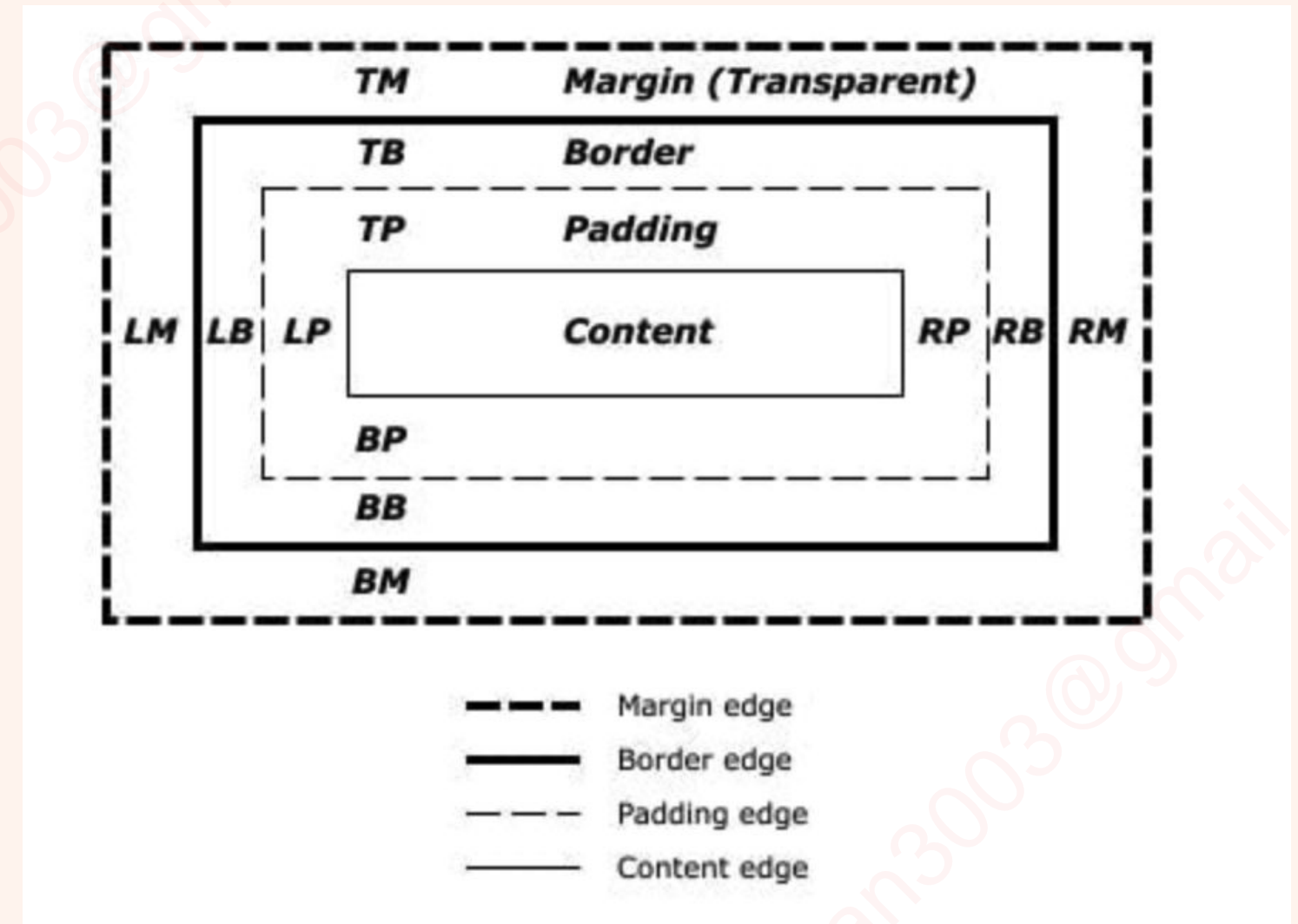
```
div {  
  margin: 20px 10px 20px 10px;  
  margin: 20px 10px 20px;  
  margin: 20px 10px;  
  margin: 20px;  
}
```



CSS Practice

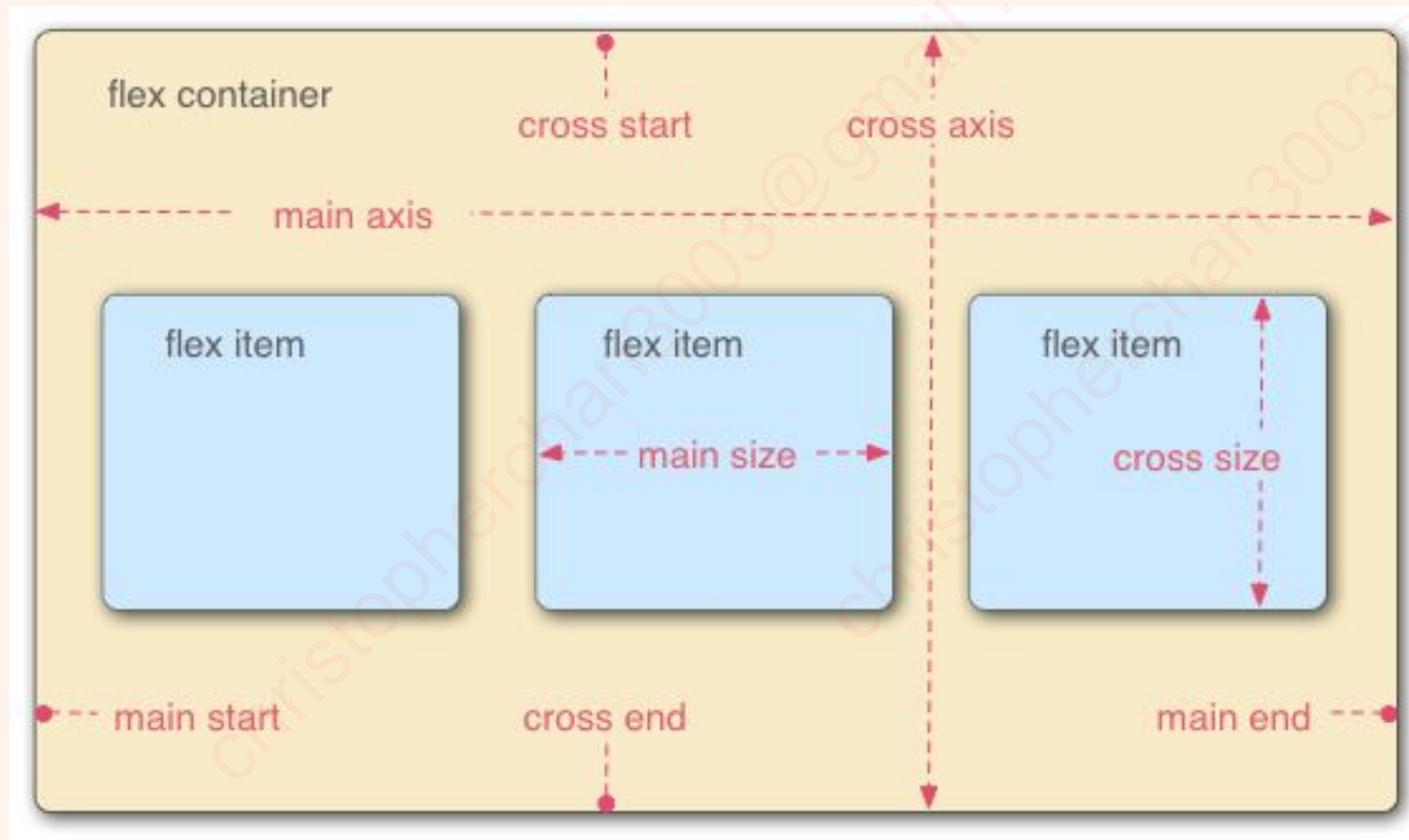
- Margin and padding

```
div {  
  /* This shorthand refers to TOP, Right, Bottom, Left.  
  Its easier to picture a clock at 12, 3, 6 and 9  
  respectively */  
  margin: 20px 10px 20px 10px;  
  
  /* This refers to Top, Left and Right, Bottom */  
  margin: 20px 10px 20px;  
  
  /* This refers to Top and Bottom, Left and Right */  
  margin: 20px 10px;  
  
  /* This refers to 20px worth of margin on all 4 sides */  
  margin: 20px;  
}
```



CSS Practice

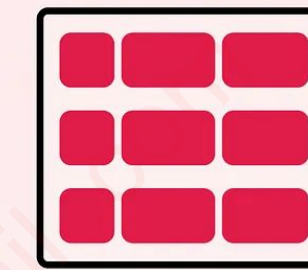
- Flexbox



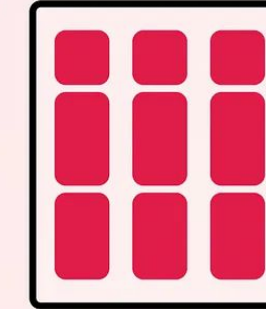
1. https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS_layout/Flexbox#horizontal_and_vertical_alignment
2. <https://flexboxfroggy.com/>
3. Youtube CSS battle

CSS Flexbox

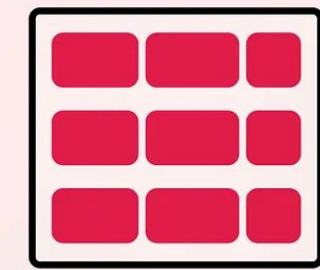
flex-direction



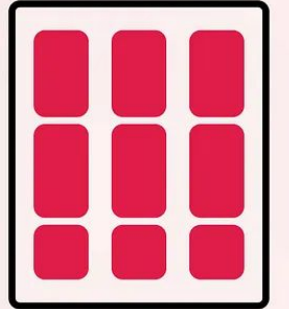
row



column

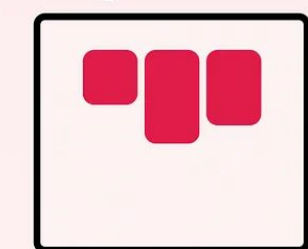


row-reverse



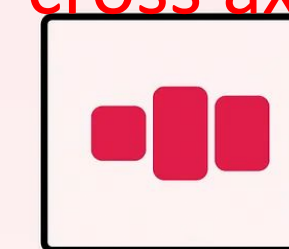
column-reverse

align-items

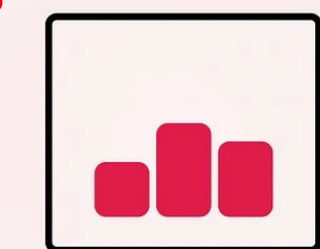


flex-start

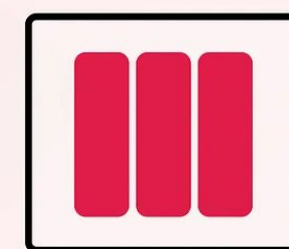
cross axis



center



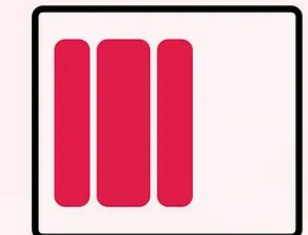
flex-end



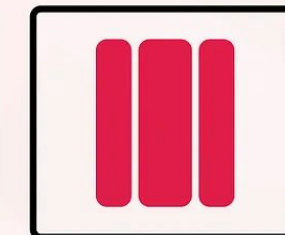
stretch

justify-content

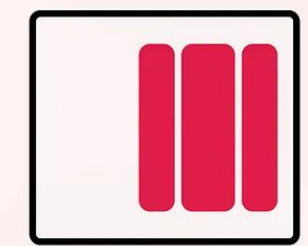
main axis



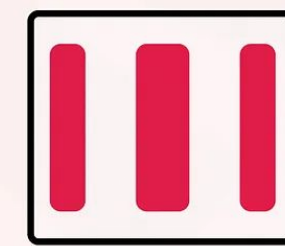
flex-start



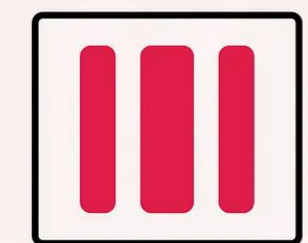
center



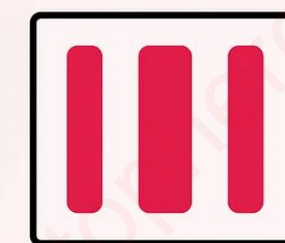
flex-end



space-between

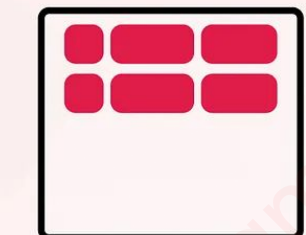


space-around

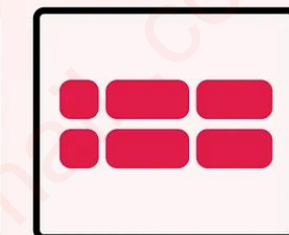


space-evenly

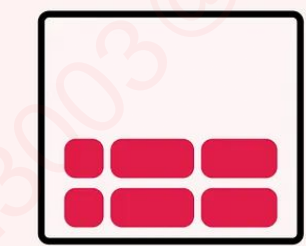
align-content



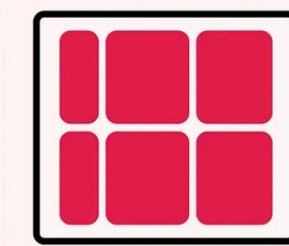
flex-start



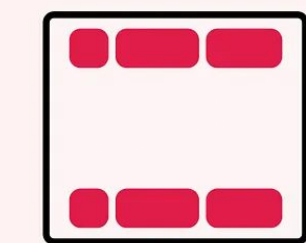
center



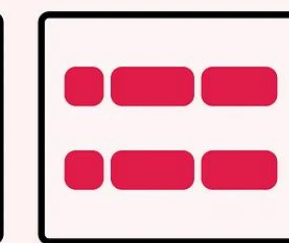
flex-end



stretch

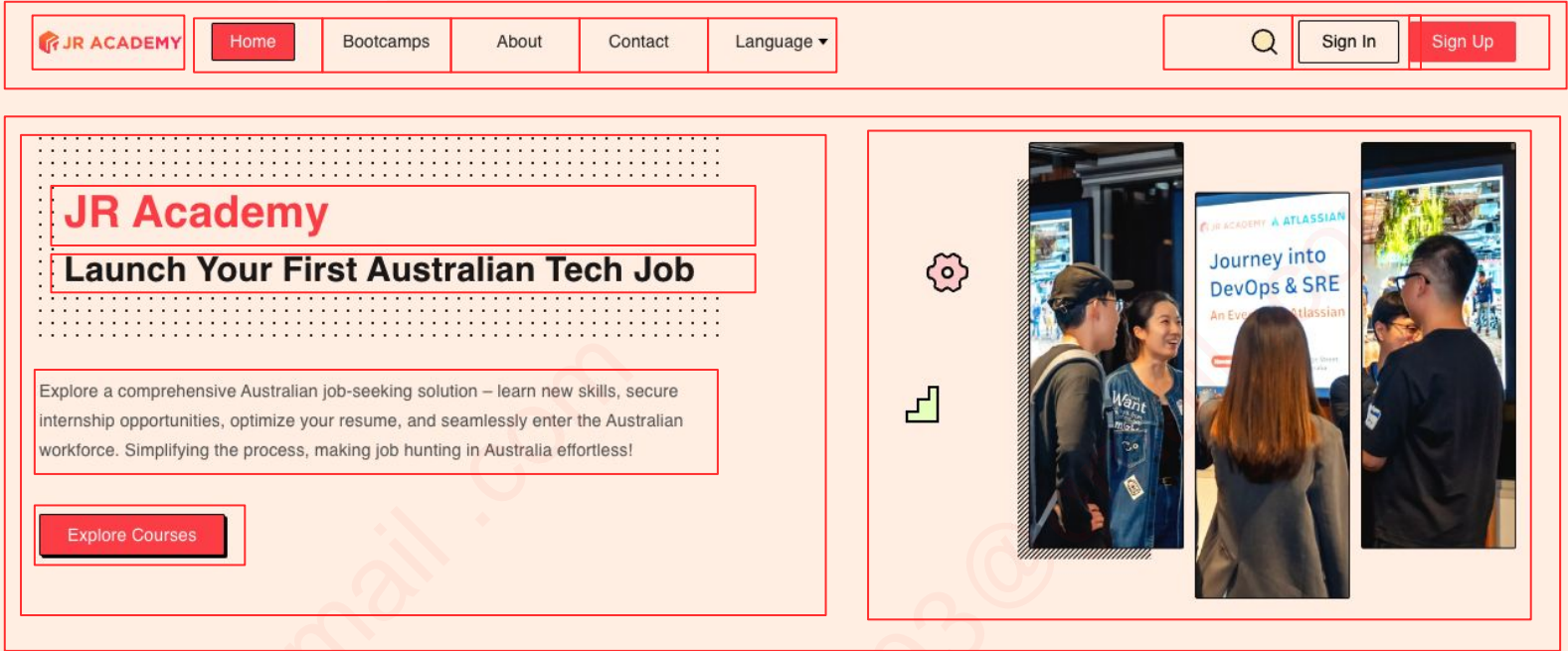


space-between



space-around

CSS Practice



Australia's Original Online Interactive Learning Platform

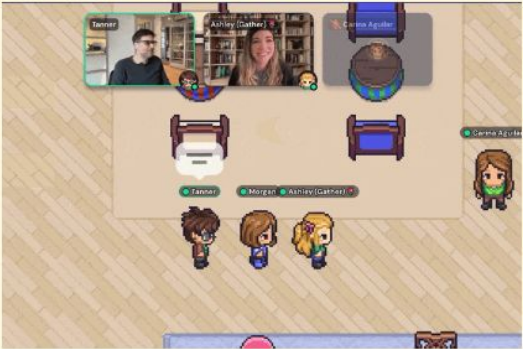
Learn Metaverse Scenario Integration:
Enhance team collaboration, strengthen networking, and improve interactions with teachers and classmates.

Break down remote social barriers:
Overcome geographical and time constraints with real-time interaction.

Online Study Room:
Reduce loneliness in studying, increase motivation, and find study partners.

Instant feedback and support:
Teachers and assistants can observe students' learning progress in real-time, providing instant feedback and support.

Recreate the in-person classroom environment: Utilize virtual whiteboards, screen sharing, and multimedia tools to make teaching more vibrant and engaging, enhancing students' learning enthusiasm and participation.



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CSS Practice



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Assignment 1 Review

作业要求:

1. **精确还原**: 尽量确保你的代码实现与给定的UI设计图在视觉上相匹配, 包括颜色、尺寸、字体和间距。
2. **响应式设计**: 尽管设计图可能是针对特定的屏幕尺寸, 但你需要确保你的卡片设计在各种设备和屏幕尺寸上都能正常显示。
3. **使用选择器和属性**: 你应该在CSS中应用至少以下选择器和属性:
 - 标签选择器、**类选择器**、ID选择器。
 - 文本样式、背景属性、padding、margin、flexbox。
4. **代码清晰性**: 代码应该是清晰的、整洁的, 并且有适当的注释。
5. **交互效果**: 考虑为你的卡片添加一些基本的交互效果, 如hover状态。

Q & A

1. 定位图片源？网页inspect, 非网页用AI补全或者生成
2. 提高JS, 手写js操作html dom (下拉菜单, 轮播图), leetcode 写算法题
3. 面试手写代码的情况, 现在很多都鼓励用AI去实现, 但是要知道原理和怎么去用。

Thanks!