

UI CSS

사이사이 스터디 - 2기

_Visual Studio Code Extension

Visual Studio Code Extension

- Korean Language Pack for Visual Studio Code
- Live Server
- Prettier
- Path Intellisense

_버튼 CSS

```
button {  
border: none;  
width: 90px;  
padding: 10px;  
color: #fff;  
border-radius: 5px;  
}
```

```
.main-button {  
background: #2d4373;  
box-shadow: 0 0 5px rgba(28, 25, 114, 0.5);  
}
```

```
.main-button:hover {  
background: #16213a;  
transition: 0.2s;  
}
```

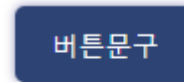
```
.s-btn {  
border: none;  
width: 70px;  
height: 25px;  
line-height: 15px;  
padding: 0;  
border-radius: 20px;  
}
```

<button class="main-button">버튼문구

</button>

<button class="main-button s-btn"> 버튼문구

</button>



_Inputtext CSS

```
.input-text-lable {  
    font-weight: bold;  
    min-width: 100px;  
}
```

```
input[type="password"],  
input[type="number"],  
input[type="text"] {  
    width: 50%;  
    height: 38px;  
    line-height: 38px;  
    padding: 5px;  
    border-radius: 3px;  
    box-shadow: 0 0 3px rgba(40, 40, 40, 0.2);  
    border: none;  
    font-size: 14px;  
}
```

```
.input-text-default-line {  
    border: 1px solid #333 !important;  
}
```

```
<label for="email" class="input-text-lable">
```

```
    Default-line</label>
```

```
<input type="text" id="email" placeholder="값 입력" />
```

Default-line 값을 입력하세요

_Checkbox CSS

```
.checkbox-label {  
  position: relative;  
  padding-left: 23px;  
  cursor: pointer;  
}  
  
.checkbox-label::before {  
  content: "";  
  position: absolute;  
  left: 0;  
  top: 3px;  
  width: 12px;  
  height: 12px;  
  border: 2px solid #2d4373;  
  cursor: pointer;  
}
```

```
input[class="checkbox"]:checked+.checkbox  
-label::before {  
  background-color: #2d4373;  
}
```

```
input[class="checkbox"] {  
  display: none;  
}
```

```
<input type="checkbox" id="travel" value="travel"  
class="checkbox" name="checkbox" />  
<label for="travel" class="checkbox-label">여행</label>
```

```
<input type="checkbox" id="study" value="study"  
class="checkbox" name="checkbox" />  
<label for="study" class="checkbox-label">자격증</label>
```

```
<input type="checkbox" id="health" value="health"  
class="checkbox" name="checkbox" />  
<label for="health" class="checkbox-label">건강</label>
```

☐ 여행 ☒ 자격증 ☐ 건강

_Radio CSS

```
.radio-row {  
  padding: 10px;  
}
```

```
.radio-column {  
  display: flex;  
  flex-direction: column;  
  padding: 10px;  
  gap: 8px;  
}
```

```
/* 배경 스타일 */  
.radio-filled {  
  background: #ccc;  
  border: 5px;  
  border-radius: 5px;  
}
```

```
.radio-border {  
  border: 1px dashed #2d4373;  
  border-radius: 5px;  
}
```

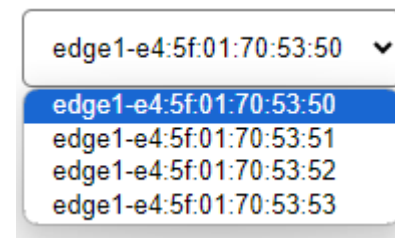
```
<div class="radio-column radio-border">  
  <label>  
    <input type="radio" name="level" value="1" />  
    레벨 1  
  </label>  
  <label>  
    <input type="radio" name="level" value="2" />  
    레벨 2  
  </label>  
  <label>  
    <input type="radio" name="level" value="3" />  
    레벨 3  
  </label>  
</div>
```

- ☐ 레벨 1
- ☐ 레벨 2
- ☐ 레벨 3

_Select CSS

```
.selectBasic {  
    padding: 10px;  
    border-radius: 5px;  
}
```

```
<select name="" class="selectBasic">  
    <option value="edge1-e4:5f:01:70:53:50">  
        edge1-e4:5f:01:70:53:50  
    </option>  
    <option value="edge1-e4:5f:01:70:53:51">  
        edge1-e4:5f:01:70:53:51  
    </option>  
    <option value="edge1-e4:5f:01:70:53:52">  
        edge1-e4:5f:01:70:53:52  
    </option>  
    <option value="edge1-e4:5f:01:70:53:53">  
        edge1-e4:5f:01:70:53:53  
    </option>  
</select>
```



_Layout - Flex

- 기본 설정 (컨테이너에 지정)

display: flex;

- 콘텐츠 배치 방향 (좌우/상하)

flex-direction: column;

- 콘텐츠 영역 비율 (컴포넌트에 지정)

flex:1;

- 콘텐츠 배치 기준 (배치 방향에 따라 동작)

justify-content: center;

justify-content: flex-start;

justify-content: flex-end;

justify-content: space-between;

justify-content: space-evenly;

- 빠져나가는 콘텐츠 처리

flex-wrap: nowrap;

flex-wrap: wrap;

<https://studiomeal.com/archives/197>

- 절대적 크기

px로 지정

- 화면 상대적 크기

vw 요소는 너비값의 100분의 1

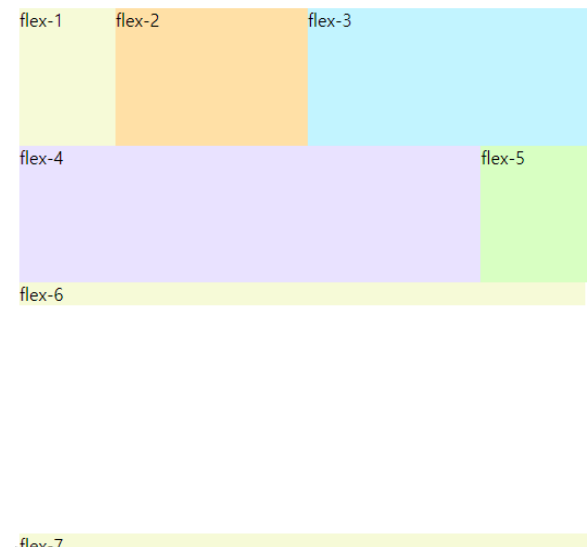
vh 요소는 높이값의 100분의 1

뷰포트의 너비값이 750px이면 1vw는 7.5px

뷰포트의 높이값이 900px일때 1vh는 9px

- 부모 상대적 크기

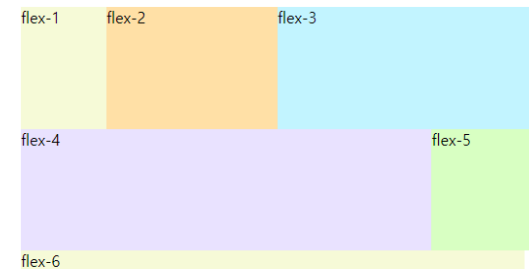
%로 지정



_Layout - Flex

```
.row-template {  
  display: flex;  
  width: 100%;  
  height: 50vh;  
  flex-direction: row;  
}  
.col-template {  
  display: flex;  
  width: 100%;  
  height: 50vh;  
  flex-direction: column;  
}  
.mix-template {  
  display: flex;  
  width: 100%;  
  height: 100%;  
}  
.all-container {  
  display: flex;  
  flex-direction: column;  
  justify-content: space-between;  
  min-height: 50vh;  
}  
.center-container {  
  display: block;  
  background-color: #dde8ff;  
}
```

```
<div class="col-template">  
  <div class="mix-template">  
    <div style="flex:1; background-color: rgb(246, 250, 215)">  
      flex-1  
    </div>  
    <div style="flex:2;background-color: rgb(255, 224, 166)">  
      flex-2  
    </div>  
    <div style="flex:3;background-color: rgb(194, 244, 255)">  
      flex-3  
    </div>  
  </div>  
  <div class="mix-template">  
    <div style="flex:4;background-color: rgb(233, 226, 255)">  
      flex-4  
    </div>  
    <div style="flex:1;background-color: rgb(216, 255, 194)">  
      flex-5  
    </div>  
  </div>  
</div>  
<div class="all-container">  
  <div class="center-container" >  
    flex-6  
  </div>  
  <div class="center-container" >  
    flex-7  
  </div>  
</div>
```



실습 예제

실습 문제 : 아래 그림처럼 표현되도록 CSS를 코딩하시오.

* CSS의 flex를 사용해야 함. <table> 태그 사용 불가

```
<div class="calculator">
  <div class="display">0</div>
  <div class="buttons">
    <button>7</button>
    <button>8</button>
    <button>9</button>
    <button>+</button>
  </div>
  <div class="buttons">
    <button>6</button>
    <button>5</button>
    <button>4</button>
    <button>-</button>
  </div>
  <div class="buttons">
    <button>3</button>
    <button>2</button>
    <button>1</button>
    <button>*</button>
  </div>
  <div class="buttons">
    <button>0</button>
    <button>.</button>
    <button>/</button>
  </div>
  <div class="buttons">
    <button>=</button>
  </div>
</div>
```

