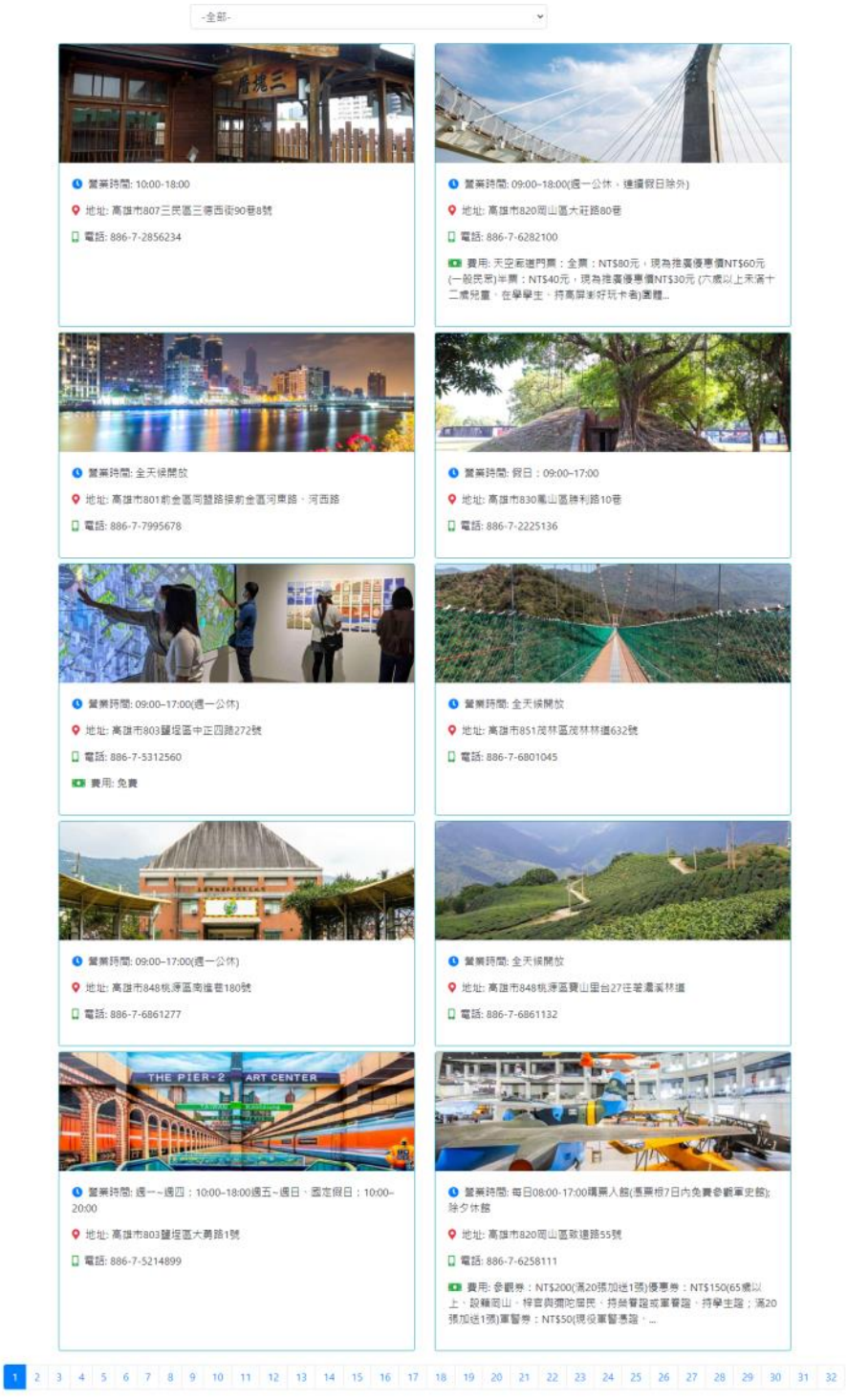
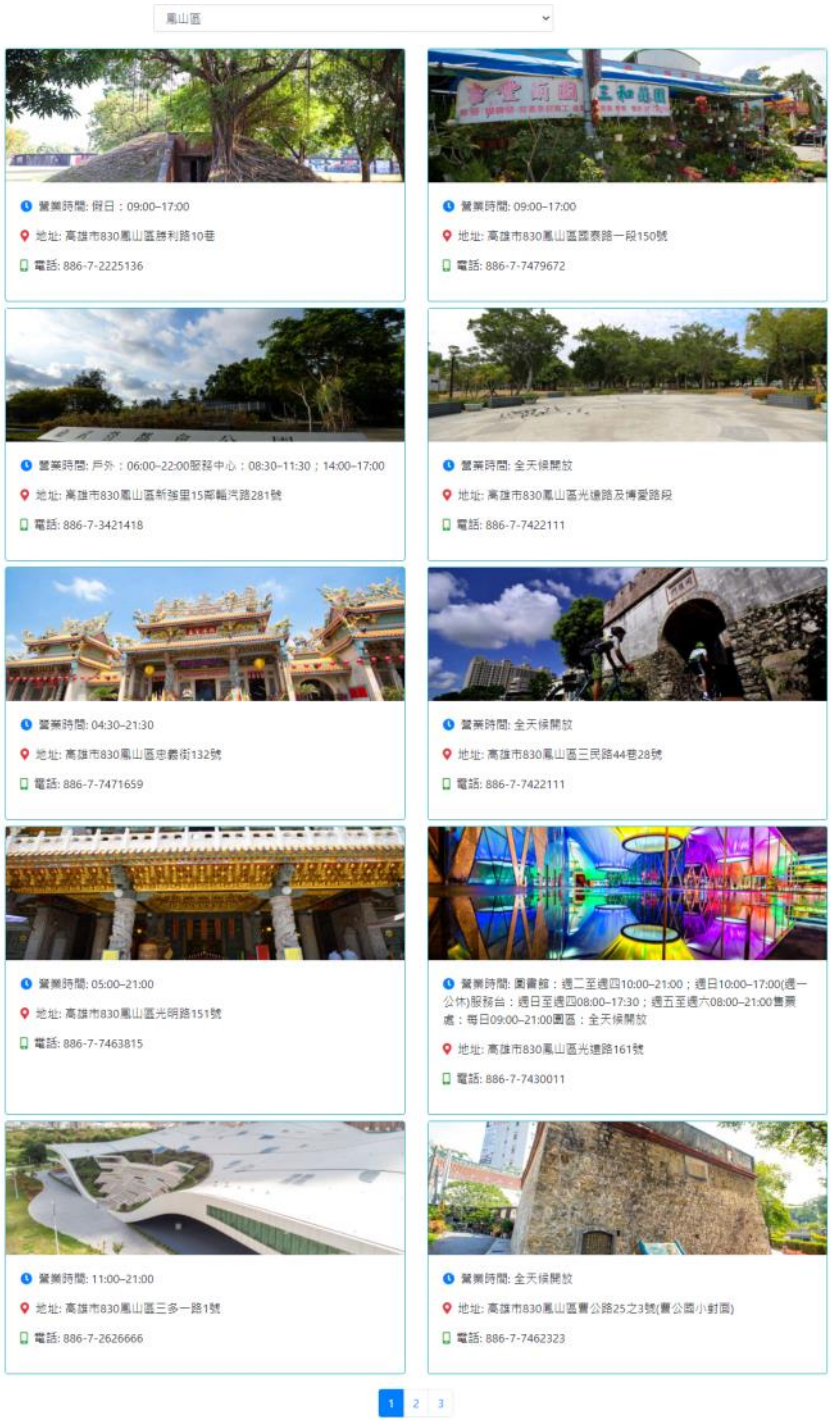
5. 高雄旅遊網

資料來源:
https://api.kcg.gov.tw/api/service/get/9c8e1450-e833-499c-8320-29b36b7ace5c

呈現所有資料的畫面



依不同區域呈現該區資料的畫面



1. 設計基本畫面

```
<div class="banner">
    <div class="display-1 p-5 text-white font-weight-bold">
        高雄好行
    </div>
</div>
<div class="container">⋯
</div>
```

```
.banner{
    background-image: url(images/photo01.jpg);
    height: 280px;
    background-position: center center;
    background-size: cover;
}
```

```css
.banner{
    background-image: url(images/photo01.jpg);
    height: 280px;
    background-position: center center;
    background-size: cover;
}
```

```html
<div class="container">
    <div class="row justify-content-center" style="margin-top: -20px">
        <div class="col-md-6">
            <select name="" id="" class="form-control">
                <option value="">--全部--</option>
            </select>
        </div>
    </div>
    <div class="row">
        <div class="col-md-6 mt-4">
            <div class="card border-info">
                <div style="background-image: url(images/photo02.jpg);" class="bg-cover"></div>
                <div class="card-body">
                    <h5><i class="fas fa-clock text-primary mr-2"></i>營業時間: 09:00-17:00</h5>
                    <h5><i class="fas fa-map-marker-alt text-danger mr-2"></i>地址: 高雄市830鳳山區國泰路一段150號</h5>
                    <h5><i class="fas fa-mobile-alt text-success mr-2"></i>電話: 886-7-7479672</h5>
                    <h5><i class="fas fa-money-bill text-success mr-2"></i>費用: 天空廊道門票：全票：NT$80元，現為推廣優惠價NT$60元（一般民眾)半票：NT$40元，現為</h5>
                </div>
            </div>
        </div>
    </div>
</div>
```

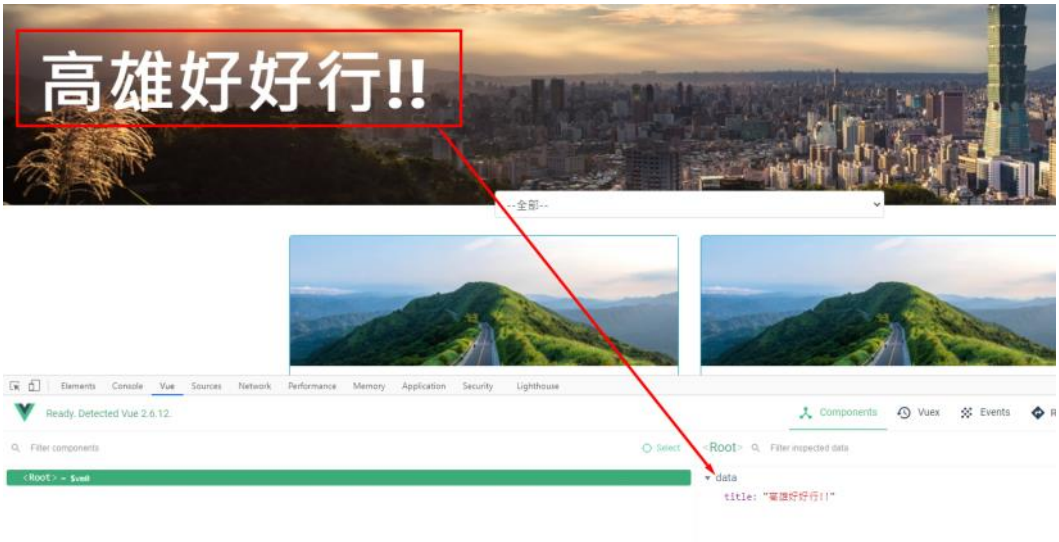
```css
.bg-cover{
    height: 180px;
    background-position: center center;
    background-size: cover;
}
```

將select往上移動疊於banner之上，並搭配font awesome排版card內容

2. 使用Vue綁定資料

```
<script>
    var app = new Vue({
        el: "#app",
        data: {
            title: '高雄好好行!!'
        }
    });
</script>
```

```
<div id="app">
    <div class="banner">
        <div class="display-1 p-5 text-white font-weight-bold">
            {{title}}
        </div>
    </div>
    <div class="container">
    </div>
</div>
```



3. 串接Opendata 使用axios

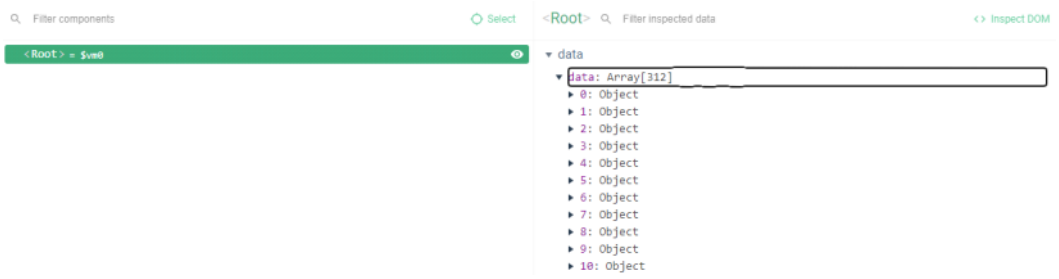
   參考 https://github.com/axios/axios

   由於這是一開始就必須載入的資料，因此寫在 created

```
<script>
    var app = new Vue({
        el: "#app",
        data: {
            title: '高雄好好行!!'
        },
        created() {
            const url = 'https://api.kcg.gov.tw/api/service/get/9c8e1450-e833-499c-8320-29b36b7ace5c';
            axios.get(url)
              .then(function (response) {
                // handle success
                console.log(response);
              })
              .catch(function (error) {
                // handle error
                console.log(error);
              })
              .then(function () {
                // always executed
              });
        }
    });
</script>
```

將外部資料儲放於vue data

```
created() {
    const vm = this; //避免this 重複使用
    const url = 'https://api.kcg.gov.tw/api/service/get/9c8e1450-e833-499c-8320-29b36b7ace5c';
    axios.get(url)
      .then(function (response) {
        // handle success
        vm.data = response.data.data.XML_Head.Infos.Info;
        console.log(vm.data);
      })
      .catch(function (error) {
        // handle error
        console.log(error);
      })
      .then(function () {
        // always executed
      });
}
```



style="{background-image: url(item.Picture1)}"

用vue綁定的語法

:style="{backgroundImage: 'url('+ item.Picture1 + ')'}"

v-if="item.Ticketinfo"

沒有票價資訊的就不顯示該欄位

```
<div class="col-md-6 mt-4" v-for="(item, key) in data">
    <div class="card border-info h-100">
        <div :style="{backgroundImage: 'url('+ item.Picture1 + ')'}" class="bg-cover"></div>
        <div class="card-body">
            <h5>
                <i class="fas fa-clock text-primary mr-2"></i>營業時間: {{item.Opentime}}
            </h5>
            <h5>
                <i class="fas fa-map-marker-alt text-danger mr-2"></i>地址: {{item.Add}}
            </h5>
            <h5>
                <i class="fas fa-mobile-alt text-success mr-2"></i>電話: {{item.Tel}}
            </h5>
            <h5 v-if="item.Ticketinfo">
                <i class="fas fa-money-bill text-success mr-2"></i>費用: {{item.Ticketinfo}}
            </h5>
        </div>
    </div>
</div>
```

4. 過濾資料

   將10筆資料分類擺放 [[0-9], [10-20], [21-30],...]

```
computed: {
    filterData() {
        const vm = this;

        const newData = [];
        vm.data.forEach((item, i) => {
            if(i%10 === 0){
                newData.push([]);
            }
            const page = parseInt(i/10); //取正整數
            newData[page].push(item);
        });
        console.log(newData);
        return newData;
    }
}
```

index03.html:81

```
(312) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…},
{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…},
{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…},
{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…},
{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…},
{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…},
{…}, {…}, {…}, …]
```

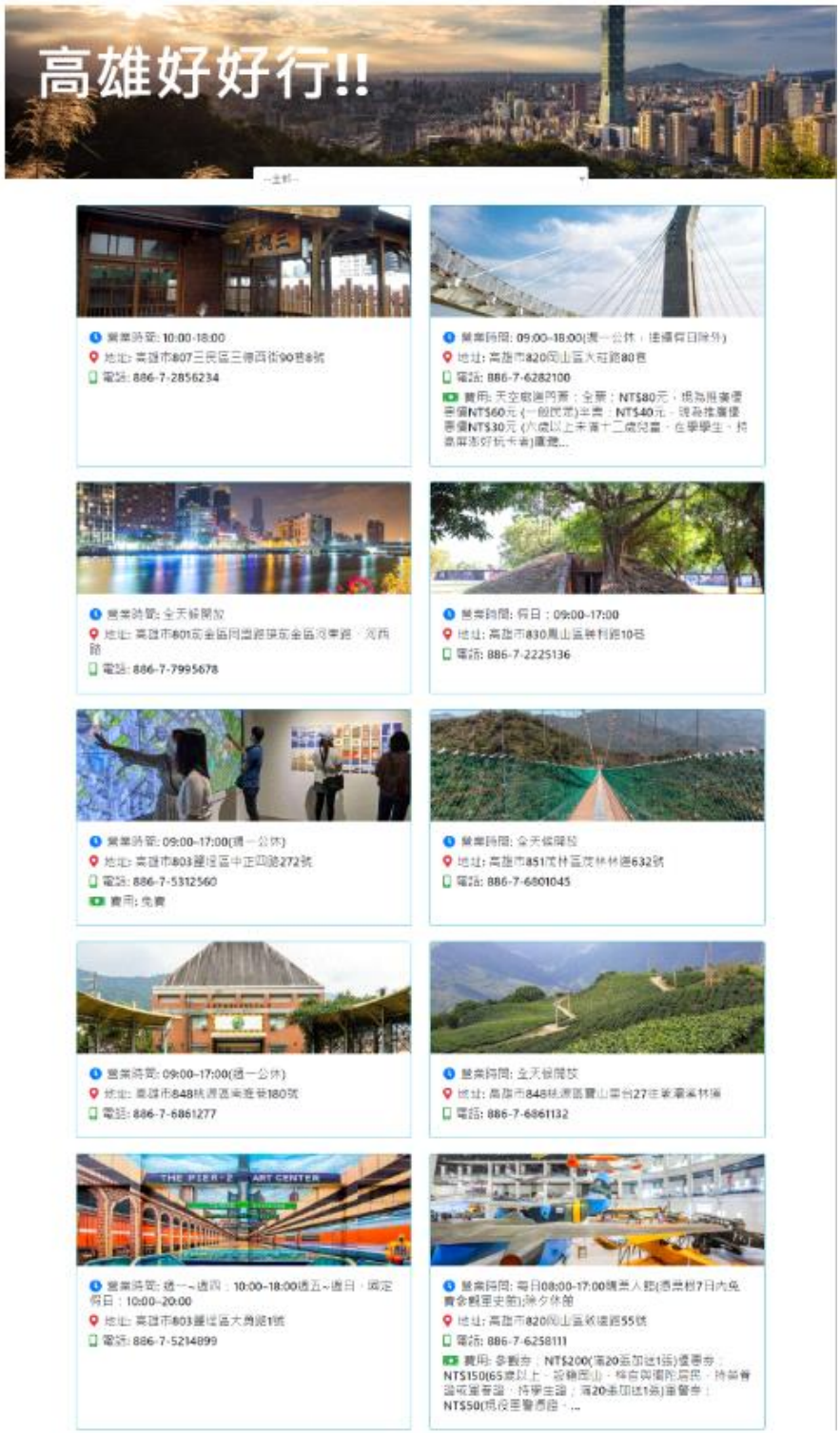
index03.html:103

```
(32) [Array(10), Array(10), Array(10), Array(10), Array(10), Array(10), A
rray(10), Array(10), Array(10), Array(10), Array(10), Array(10), Array(1
0), Array(10), Array(10), Array(10), Array(10), Array(10), Array(10), Arr
ay(10), Array(10), Array(10), Array(10), Array(10), Array(10), Array(10),
Array(10), Array(10), Array(10), Array(10), Array(10), Array(2)]
  0: (10) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}]
  1: (10) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}]
  2: (10) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}]
  3: (10) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}]
  4: (10) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}]
  5: (10) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}]
  6: (10) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}]
  7: (10) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}]
  8: (10) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}]
  9: (10) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}]
  10: (10) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}]
  11: (10) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}]
  12: (10) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}]
  13: (10) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}]
  14: (10) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}]
  15: (10) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}]
  16: (10) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}]
  17: (10) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}]
  18: (10) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}]
  19: (10) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}]
  20: (10) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}]
  21: (10) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}]
  22: (10) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}]
  23: (10) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}]
  24: (10) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}]
  25: (10) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}]
  26: (10) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}]
  27: (10) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}]
  28: (10) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}]
  29: (10) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}]
  30: (10) [{…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}, {…}]
  31: (2) [{…}, {…}]
  length: 32
  __proto__: Array(0)
```

```
<div class="row">
    <div class="col-md-6 mt-4" v-for="(item, key) in filterData[currentPage]">
        <div class="card border-info h-100">
        </div>
    </div>
</div>
```

```
data: {
    title: '高雄好好行!!',
    data: [],
    currentPage: 0
},
```

只會顯示出前十筆資料



5. 計算共有幾個行政區並將區域名稱儲存

利用new Set()資料唯一的特性，將所有的資料擺入即可得到所有的行政區名稱
但由於Set()資料型態不是陣列，因此存入regions必須利用Array.from轉換

```
methods: {
    getRegion() {
        const vm = this;
        const regions = new Set();
        vm.data.forEach((item, i) => {
            regions.add(item.Add.substring(6, 9));
        });
        vm.regions = Array.from(regions);
    }
},
```

```
data: {
    title: '高雄好好行!!',
    data: [],    //全部的資料
    currentPage: 0,  //select目前所顯示的頁面
    regions: [] //所有的行政區
},
```

在載入資料成功後取出行政區的資料

```
created() {
    const vm = this; //避免this 重複使用
    const url = 'https://api.kcg.gov.tw/api/service/get/9c8e1450-e833-499c-8320-29b36b7ace5c';
    axios.get(url)
      .then(function (response) {
        // handle success
        vm.data = response.data.data.XML_Head.Infos.Info;
        vm.getRegion();
        console.log(vm.data);
      })
      .catch(function (error) {
        // handle error
        console.log(error);
      })
      .then(function () {
        // always executed
      });
},
```

```
▼ data
    currentPage: 0
  ▶ data: Array[312]
  ▼ regions: Array[38]
      0: "三民區"
      1: "岡山區"
      2: "前金區"
      3: "鳳山區"
      4: "鹽埕區"
      5: "茂林區"
      6: "桃源區"
      7: "小港區"
      8: "新興區"
      9: "美濃區"
      10: "永安區"
      11: "六龜區"
      12: "田寮區"
      13: "杉林區"
      14: "燕巢區"
```

```
12: "田寮區"
13: "杉林區"
14: "燕巢區"
15: "內門區"
16: "旗山區"
17: "旗津區"
18: "左營區"
19: "鼓山區"
20: "那瑪夏"
21: "苓雅區"
22: "鳥松區"
23: "橋頭區"
24: "大社區"
25: "楠梓區"
```

綁定regions資料於select

```
<div class="row justify-content-center" style="margin-top: -20px">
    <div class="col-md-6">
        <select name="" id="" class="form-control">
            <option value="">--全部--</option>
            <option :value="item" v-for="item in regions">{{ item }}</option>
        </select>
    </div>
</div>
```

綁定currentLocation

```
<div class="row justify-content-center" style="margin-top: -20px">
    <div class="col-md-6">
        <select name="" id="" class="form-control" v-model="currentLocation">
            <option value="">--全部--</option>
            <option :value="item" v-for="item in regions">{{ item }}</option>
        </select>
    </div>
</div>
```

```
data: {
    title: '高雄好好行!!',
    data: [],    //全部的資料
    currentPage: 0,   //select目前所顯示的頁面
    regions: [],     //所有的行政區
    currentLocation: ''  //目前所選取的行政區
},
```

6. 製作pagination

fliterData 的資料型態為二維陣列 [[], [], [], ...]

```
<div id="app">
    <div class="banner">
        <div class="display-1 p-5 text-white font-weight-bold">
            {{title}}
        </div>
    </div>
    <div class="container">
        <div class="row justify-content-center" style="margin-top: -20px">
        </div>
        <div class="row my-3">
        </div>
        <div class="row justify-content-center">
            <nav aria-label="Page navigation example">
              <ul class="pagination">
                <li class="page-item" v-for="page in filterData.length">
                    <a class="page-link" href="#">{{ page }}</a>
                </li>
              </ul>
            </nav>
        </div>
    </div>
</div>
```

陣列位址從0開始，因此頁數必須減一

@click.prevent=" currentPage = page-1" prevent避免頁面移動

```
<nav aria-label="Page navigation example">
  <ul class="pagination">
    <li class="page-item" v-for="page in filterData.length" :class="{active : currentPage === page-1}">
        <a class="page-link" href="#" @click.prevent=" currentPage = page-1">{{ page }}</a>
    </li>
  </ul>
</nav>
```

7. 以行政區過濾景點資料

   currentLocation沒有資料時表示未選擇區域名稱以全部的資料擺放入items

   currentLocation有資料時以filter過濾出該行政區的資料擺放入items

   再以過濾後的資料items進行資料分組

```
computed: {
    filterData() {
        const vm = this;
        let items = []; //let 定義可變動的資料

        if(vm.currentLocation != ''){
            items = vm.data.filter((item, i) => {
                return item.Add.substring(6, 9) === vm.currentLocation
            }); //filter 會將符合條件的回傳存入item
        }else{
            items = vm.data;
        }
        console.log(items)


        const newData = []; //[[], [], [], .....]
        items.forEach((item, i) => {
            if(i%10 === 0){
                newData.push([]);
            }
            const page = parseInt(i/10); //取正整數
            newData[page].push(item);
        });
        console.log(newData);
        return newData;
    }
}
```

高雄好好行!!
鳳山區
營業時間: 全天候開放
地址: 高雄市830鳳山區勝利路
電話: 886-7-7422111
營業時間: 平日：10:30–17:30 (17:00截止售票，週一公休)假日：10:30–18:30 (18:00截止售票)
地址: 高雄市830鳳山區鳳崗里鳳明街62號
電話: 886-7-7405362
費用: 全票：NT$66優待票：NT$39(持學生證，週六、週日及國定例假日入場之本市市民，團體人數20人以上)優惠票：NT$25(一歲以上未滿六歲之兒童，六十五歲以上民眾，持有志願服務...
營業時間: 全天候開放
地址: 高雄市830鳳山區興街與立志街口
電話: 886-7-7422111
營業時間: 05:00–21:30
地址: 高雄市830鳳山區舊口里三民路285-1號
電話: 886-7-7468637
營業時間: 04:47~24:34
地址: 高雄市830鳳山區曹公路68號
電話: 886-7-7460423
營業時間: 07:30–22:00
地址: 高雄市830鳳山區黃泰路一段220號
電話: 886-7-7479641
營業時間: 08:30–17:30
地址: 高雄市830鳳山區中正路172號
電話: 886-7-7462676
營業時間: 請發送申請參觀
地址: 高雄市830鳳山區維武路1號
電話: 886-7-7436982
營業時間: 05:30–21:00
地址: 高雄市830鳳山區鳳明街66號
電話: 886-7-7468360
營業時間: 全天候開放
地址: 高雄市830鳳山區鳳山溪旁的綠帶
電話: 886-7-7422111
1
2
3