Vue.js : Web Programming

<script src="https://cdn.jsdelivr.net/npm/vue@2.5.22/dist/vue.js"></script>

```
ใส่ prevent เพื่อไม่ให้มีการ refresh v-on:click.prevent.stop="blog.likes += 1"
การทำระบบ Search อย่างง่าย
<input type="text" class="form-control" placeholder="Search post" aria-label="search"
aria-describedby="basic-addon1" v-model="searchText">
var vm = new Vue({el: "#app1",
    data: {searchText: "",},
    computed: {blogSearchResult() {
       return this.blogs.filter(blog => {
              let searchText = this.searchText.toLowerCase()
              let isMatchTitle = blog.title.toLowerCase().includes(searchText)
              let isMatchContent = blog.content.toLowerCase().includes(searchText)
              return isMatchTitle | isMatchContent
    }) } },
ตัวอย่างฟังก์ชันต่าง ๆ
v-for="(comment, index) in blog.comments"
v-show="blog.showComment"
@click.stop="showComment(blog)"
v-bind:class="{'bg-dark text-white': isActive}" @click="changeBGColor"
```

<img:src="blog.image"

v-model 🗲 checkbox

v-model 🗲 radio

```
v-model 
ightarrow select
data: { selected: " }
<select v-model="selected">
       <option disabled value="">Please select one</option>
       <option>A</option>
       <option>B</option>
       <option>C</option>
</select>
v-model 🗲 multiple select
data : { selectedList: [] }
<select v-model="selectedList" multiple>
       <option disabled value="">Please select one</option>
       <option v-for="item in items">{{item}}</option>
</select><br/>
v-model 
ightarrow multiple select
data: { checkedNamesloop: [], items: ['apple', 'banana', 'orange', 'coconut', 'mango'] }
<template v-for="item in items">
       <input type="checkbox" :id="item" :value="item" v-model="checkedNamesloop">
       <label :for="item">{{item}}</label>
</template>
<span>Checked names: {{ checkedNamesloop }}</span>
```

v-model ightarrow reverseText

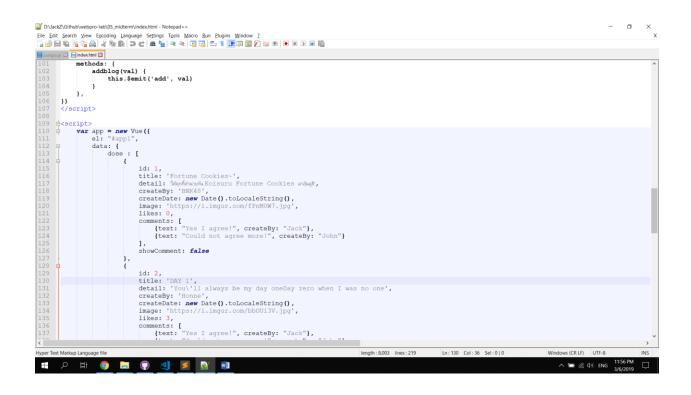
methods: {reverseText: function(){this.message = this.message.split(").reverse().join(");}}

<input type="text" v-model="message">

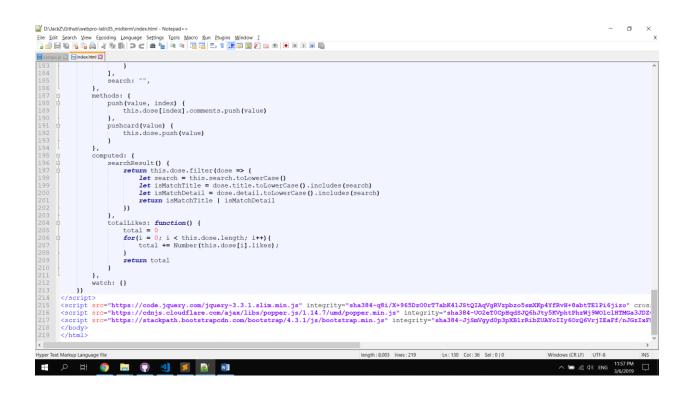
<button @click="reverseText">Reverse Text</button>

MidtermCrisis : WebPro (Music Box / index.html)

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D:\lackZ\Github\webpro-lab\05 midterm\index.html - Notepad++
File Edit Search View Espooding Language Sestings Tgols Macro Run Plugins Window 2
 ☐ compo.js ☑ ☐ index.html ☑
                                       id: 5,
title: 'ต่าอธิบาย',
detail: 'เธอไม่ต่องหาก้อยค่าตีๆ เพื่อบอกฉันโปได้เข้าใจ',
                                      showComment: false
                           ],
search: "",
                     },
methods: {
                          push(value, index) {
    this.dose[index].comments.push(value)
                           pushcard(value) {
    this.dose.push(value)
                          }
                     ),
computed: {
                           searchResult() {
                                rchResult() {
    return this.dose.filter(dose => {
        let search = this.search.toLowerCase()
        let isMatchTitle = dose.title.toLowerCase().includes(search)
        let isMatchDtail = dose.detail.toLowerCase().includes(search)
        return isMatchTitle | isMatchDetail
                           },
totalLikes: function() {
                                 total = 0
for(i = 0; i < this.dose.length; i++){</pre>
                                                                                                                                                           Ln:130 Col:36 Sel:0|0
                                                                                                                             ength: 8,003 lines: 219
 = ク H 🧑 🚞 🗑 刘 🧧 📓
                                                                                                                                                                                                        ^ 🚾 🦟 (1)) ENG
```



MidtermCrisis : WebPro (Music Box / compo.js)

```
| Company | Comp
```

MidtermCrisis : WebPro (javascript - filter)

var fruits = ['apple', 'banana', 'grapes', 'mango', 'orange'];

```
Elements Console Sources Network
> array2 = [1,2,3,4,5,6,7,8,9,10]
> \ (10) [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
> let greater_than_5 = function (n) {
    return n > 5;
➤ Uncaught SyntaxError: Identifier 'greater_than_5' has
at <anonymous>:1:1
> greater_than_5(6)
> greater_than_5(3)
> array2.filter(greater_than_5)
 · (5) [6, 7, 8, 9, 10]
> array2.filter( function (x) { return x % 2 === 0 } )
  » (5) [2, 4, 6, 8, 10]
> array2
(10) [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
> array2.filter( x => x % 2 === 0)
( ) (5) [2, 4, 6, 8, 10]
> let sum = function (total, value) {
   return total + value;
  undefined
```

MidtermCrisis : WebPro (Bootstrap/utilities/display)

MidtermCrisis : WebPro (Javascript)

```
document.querySelector('#hello-world').style = 'display: none';
document.querySelector('#hello-world').innerHTML = 'แก้ใช innerHTML';
document.querySelector('#hello-world').textContent = 'แก้ใช textContent';
1 let list = document.querySelector('#list');
2 let new_item = document.createElement('li'); ลงใน Console
3 list.append(new_item); ลงใน Console พิมพ์ new_item.textContent = 'ถ้างงๆ ให้ยกมือ';
4 new_item.style.fontSize = '40px';
```

ลองทำ: ลบ สุดท้ายจาก

- เปิด Console
- พิมพ์ let last_item = document.querySelector('ul#example > li:last-child')
- พิมพ์ let parent = last item.parentElement
- พิมพ์ parent.removeChild(last item)

ลองทำ: ลบ ตัวที่ 2 จาก

- เปิด Console
- พิมพ์ let second_item =
 document.querySelector('ul#example >
 li:nth-child(2)')
- พิมพ์ second item.remove()

```
<div class="input-group my-3">
    <input id="todo-item-text" type="text" class="form-control" placeholder="เพิ่มรายการใหม่">
    <div class="input-group-append">
       <button class="btn btn-outline-success" type="button" id="add"><strong>+</strong></button>
    </div>
</div>
<script>
   function del(){
     let del item = document.querySelector("ul#example > li");
     del item.remove();}
   function add(){
     let list = document.querySelector("ul#example");
     let add_item = document.createElement("li");
     add item.className = "list-group-item d-flex justify-content-between align-items-center";
     let add button = document.createElement("button");
     add button.className = "close";
     let add span = document.createElement("span");
     add span.innerHTML = "×";
     add item.append(document.guerySelector("#todo-item-text").value);
     add_item.append(add_button);
     add button.append(add span);
     list.append(add item); }
   document.querySelector('.close').addEventListener('click', del);
   document.querySelector('#add').addEventListener('click', add);
  </script>
```

Mapping

var fruits = ['apple', 'banana', 'grapes', 'mango', 'orange'];

function filterItems(query) { return fruits.filter(function (item) { return item == query }) // จงทำให้ function filterItems() สามารถค้าหาแบบ partial search (คำใช้: ใช้ IndexOf()) function filterItems2(query) { return fruits.filter(function (item) { return item.indexOf(query) >= 0? 1 : 0 }) } }