

```
<body>  
  hello  
</body>
```

html, body, opening and closing tags, displaying text

```
<body>  
  <input>  
</body>
```

input box

```
<body>  
  <div>  
    <input>  
  </div>  
</body>
```

divs, opening and closing tags (again)

```
<body>  
  <div id="myParkingApp">  
    <input>  
  </div>  
</body>
```

html attributes

```
<body>
  <script src="https://unpkg.com/vue"></script>

  <div id="myParkingApp">
    <input>
  </div>
</body>
```

```
<script>
new Vue({
  el: '#myParkingApp'
})
</script>
```

importing vue, adding script, objects, new, Vue, Vue()

```
<body>
  <script src="https://unpkg.com/vue"></script>

  <div id="myParkingApp">
    <input> {{ postcode }}
  </div>
</body>

<script>
new Vue({
  el: '#myParkingApp',
  data: {
    postcode: "123456"
  }
})
</script>
```

data object, interpolation

```
<body>
  <script src="https://unpkg.com/vue"></script>

  <div id="myParkingApp">
    <input v-model="postcode"> {{ postcode }}
  </div>
</body>

<script>
new Vue({
  el: '#myParkingApp',
  data: {
    postcode: "123456"
  }
})
</script>
```

v-model

```
<body>
  <script src="https://unpkg.com/vue"></script>

  <div id="myParkingApp">
    <input v-model="postcode"><br>
    {{ postcode }}
  </div>
</body>

<script>
new Vue({
  el: '#myParkingApp',
  data: {
    postcode: ""
  }
})
</script>
```

br, postcode back to default

01-carpark.html done

```
<body>
  <script src="https://unpkg.com/vue"></script>

  <div id="myParkingApp">
    <input v-model="postcode" @keyup.enter="searchPostcode"><br>
    {{ postcode }}
  </div>
</body>

<script>
new Vue({
  el: '#myParkingApp',
  data: {
    postcode: ""
  },
  methods: {
    searchPostcode: function() {
      this.postcode = "111111"
    }
  }
})
</script>
```

functions/methods, @keyup.enter

```
<body>
  <script src="https://unpkg.com/vue"></script>

  <div id="myParkingApp">
    <input v-model="postcode" @keyup.enter="searchPostcode"><br>
    {{ postcode }}<br>
    {{ postcodeX }}<br>
    {{ postcodeY }}
  </div>
</body>

<script>
new Vue({
  el: '#myParkingApp',
  data: {
    postcode: "",
    postcodeX: null,
    postcodeY: null
  },
  methods: {
    searchPostcode: function() {
      this.postcodeX = 123
      this.postcodeY = 456
    }
  }
})
</script>
```

show desired result visually, null

```
<body>
  <script src="https://unpkg.com/vue"></script>
  <script src="https://unpkg.com/axios/dist/axios.min.js"></script>

  <div id="myParkingApp">
    <input v-model="postcode" @keyup.enter="searchPostcode"><br>
    {{ postcode }}<br>
    {{ postcodeX }}<br>
    {{ postcodeY }}
  </div>
</body>

<script>
new Vue({
  el: '#myParkingApp',
  data: {
    postcode: "",
    postcodeX: null,
    postcodeY: null
  },
  methods: {
    searchPostcode: function() {
      this.postcodeX = 123
      this.postcodeY = 456
    }
  }
})
</script>
```

```
searchPostcode: function() {  
  axios.get('https://developers.onemap.sg/commonapi/search', {  
    params: {  
      searchVal: this.postcode,  
      returnGeom: "Y",  
      getAddrDetails: "N"  
    }  
  }).then(response => {  
    this.postcodeY = response  
  })  
}
```

```
searchPostcode: function() {  
  axios.get('https://developers.onemap.sg/commonapi/search', {  
    params: {  
      searchVal: this.postcode,  
      returnGeom: "Y",  
      getAddrDetails: "N"  
    }  
  }).then(response => {  
    this.postcodeY = response  
  })  
}
```

```
searchPostcode: function() {  
    axios.get('https://developers.onemap.sg/commonapi/search', {  
        params: {  
            searchVal: this.postcode,  
            returnGeom: "Y",  
            getAddrDetails: "N"  
        }  
    }).then(response => {  
        var unwrappedResults = response.data.results[0]  
        this.postcodeY = unwrappedResults  
    })  
}
```

```
searchPostcode: function() {  
    axios.get('https://developers.onemap.sg/commonapi/search', {  
        params: {  
            searchVal: this.postcode,  
            returnGeom: "Y",  
            getAddrDetails: "N"  
        }  
    }).then(response => {  
        var unwrappedResults = response.data.results[0]  
        this.postcodeX = unwrappedResults.X  
        this.postcodeY = unwrappedResults.Y  
    })  
}
```


02-carpark.html done

