# Exercise: Directives and Data Rendering

This exercise is part of the “Vue.js” course@SoftUni.

## Time is … ?

Write program that display string "Time is ... ?" and when hover it with mouse,

show what time is it.

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| **HTML** | **JS** |
| <div id="app">  <span v-bind:title="message">  Time is ... ?</span>  </div> | var app = new Vue({  el: '#app',  data: {  message: 'You loaded this page on ' +  new Date().toLocaleTimeString()  }  }  ) |

## Shopping list

Write program that show all content from Shopping list to help you not forget anything, when you are in supermarket. This is the shopping list that your girlfriend does yesterday: “Bread, Milk, Chocolate, Meat, Tomato”.

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| **HTML** | **JS** |
| <ul id="example">  <li v-for="item in items">  {{ item.message }}  </li>  </ul> | var example = new Vue({  el: '#example',  data: { items: [  { message: 'Bread' },  { message: 'Milk' },  { message: 'Chocolate' },  { message: 'Meat' },  { message: 'Tomatoes' }]  }  }) |

## Football team

### In our football team have three good strikers, but for the tomorrow game strategy we need only one of them.

### Show on the display all three footballers with all their skills to help the trainer do right choice.

This is the strikers:

Ronaldo -> his preffered foot is right. His stats are:

* feintSkill:91,
* physics:81,
* speed:90.

Dybala -> his preffered foot is left. His stats are:

* feintSkill:88,
* physics:65,
* speed:92.

Mandzukic -> his preffered foot is right. His stats are:

* feintSkill:79,
* physics:90,
* speed:80.

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| **HTML** | **JS** |
| <ul id="example">  <li v-for="striker in footballers">  Name : {{ striker.name }} , Preffered foot : {{striker.foot}} , Feint Skills : {{striker.feintSkill}} , Physics : {{striker.physics}} , Speed : {{striker.speed}}  </li>  </ul> | var example = new Vue({  el: '#example',  data: { footballers : [  { name: 'Ronaldo', foot: 'right', feintSkill: '91', physics:'81', speed: '90'},  { name: 'Dybala', foot: 'left', feintSkill: '88' , physics:'65', speed: '92'},  { name: 'Mandzukic', foot: 'right', feintSkill: '79', physics:'90', speed: '80'}  ]}  }) |

## Filtered numbers

You have this array [1,32,57,80,43,66,73,82,11,4,65,90,99,45,38,61].

Write program, that show on display all numbers that are odd and not bigger from 61.

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| **HTML** | **JS** |
| <div id="app">  <li  v-for="n in evenNumbers">  {{ n }}  </li>  </div> | new Vue({  el: '#app',  data: {  numbers: [1,32,57,80,43,66,73,82,11,4,65,90,99,45,38,61] },  computed: {  evenNumbers: function () {  return this.numbers.filter(function (number) {  return number % 2 !== 0 && number<61  }) } }  }) |

## Change casing of string

Because Pesho can't decide which is better to print his name(“Pesho Petrov Peshov”) with uppercase or with lowercase you must write program that easy change his name only with one click of the button.

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| **HTML** | **JS** |
| <div id="app">  <li  v-for="n in evenNumbers">  {{ n }}  </li>  </div> | var app = new Vue({  el: '#app',  data: { message: 'Pesho Petrov Peshov', counter : 0},  methods: {  changeCasing: function () {  if(this.counter%2 !==0){  this.message = this.message.toUpperCase()  }else{  this.message = this.message.toLowerCase()  }  this.counter++  } } }) |