## **The quiz(10 questions)**

1. **What is Vue.js?**

* a javascript library
* a javascript framework
* a javascript extension

1. **In which case is the Vue object created correctly?**

* new Vue ()
* var test = new Vue { }
* var test = Vue ({ })
* new Vue { }

1. **How to set the title attribute in the span tag?**

* <span title="{{text}}">Some text</span>
* <span :title="{{text}}">Some text</span>
* <span :title="text">Some text</span>
* <span v-title="text">Some text</span>

1. **Choose the most correct way to move <p>{{ first\_name.toUpperCase() + ' ' + last\_name }}</p> expression into the code.**
   * Use the methods property, and add a function that does the same. Use function in the template.

| getFullName: function() {  return this.first\_name.toUpperCase() + ' ' + this.last\_name; } |
| --- |

* Add new property full\_name to data. Track the first\_name and last\_name changes using watch and change full\_name. Use full\_name in a template.

| data() {  return {  first\_name: 'Foo',  last\_name: 'Bar',  full\_name: ''  }; }, watch: {  first\_name: function (val) {  this.full\_name = val.toUpperCase() + ' ' + this.last\_name  },  last\_name: function (val) {  this.full\_name = this.first\_name.toUpperCase() + ' ' + val  } } |
| --- |

* Use the computed property.

| computed: {  fullName: function () {  return this.first\_name.toUpperCase() + ' ' + this.last\_name;  } } |
| --- |

* Leave it like that.

1. **What is the difference between <button v-on:click="function">Button</button> and <button @click="function">Button</button>**

* There is no difference.
* v-on:click is a vue directive. @click is a native dom event listener.
* Both of them are native javascript dom listeners.
* Both of them are non-existing attributes.

1. **Look at the code fragment below. How many times the message "Uppercase called" will be displayed in the console if you click on the button 3 times?**

| ... <p>{{ uppercase(country) }}</p> <button v-on:click="rndValue()"> {{rndNum}} </button> ...  data() {  return {  rndNum: 0,  country: 'usa',  }; }, methods: {  uppercase: function() {  console.log('Uppercase called');  return this.country.toUpperCase();  },  rndValue: function() {  this.rndNum = Math.floor((Math.random() \* 100) + 1);  } }, |
| --- |

* 0
* 1
* 2
* 3

1. **What is the difference between v-show and v-if?**
   * v-if toggles the display CSS property of the element. The directive v-show is used to conditionally render a block.
   * v-if destroys and recreates elements. v-show will always render the element.
   * v-show destroys and recreates elements. v-if will always render the element.
   * There is no difference.
2. **Choose two-way binding directive**

* v-model
* v-on
* v-inline
* None of the above

1. **Does the v-show directive support a <template> element?**

* Yes
* No

1. **Lifecycle hooks. Choose the wrong one.**

* mounted
* beforeCreate
* initialized
* created
* All of these

1. **Does vue attach watchers to window object?**

* Yes
* No

## **Practical task**

### Guidelines

* You must write your code to the index.html file.
* You have 1 hour to complete the task.
* Appearance is not important.
* Html can be changed.
* Send the result to edgars.skujins@midis.eu.

### Conditions

1. The table should contain the following columns: serial number, name and surname of the person.
2. The first user should be added to the list from the code during initialization.
3. Implement adding users to the table.
4. Implement removing users from the list.
5. Implement editing users.