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| 1. In this tutorial I going to show you, how to create a simple to-do task manager app with the vue framework |
| 1. Go to codepen.io and create a new pen; |
| 1. Change the View 2. And maximize html editor 3. Insert Html boilerplate by using the Emmet shortcut |
| 1. Insert the CDN link of vue.js file. This is the fastest way to adding vue to the project |
| 1. Add a div tag. The app will be rendered in this container |
| 1. Add an input, a label and button to the form |
| 1. Create an Instance of vue, and set "el" property to #app, this is the container we created in the previous step  |  | | --- | | 1. To keep the to-do list, we create an array in the data section of the vue object | | 1. Now, by using the templating feature of vue, we will render the to-do list  * First, insert necessary tags by using Emmet Shortcut [ul>li>label>input[type="checkbox"]+del+span] * Then, render the list by using the v-for directive * Bind **checked** value of the checkbox, to **done** property of the task * And finally, render the task title, by using the conditional directives of vue | | 1. To improve the look of the list, change the style of the ul and the del tags | | 1. Add a data property to the vue object | | 1. And bind text input to this property by using v-model directive | | 1. Create a method to push a new task to the list | | 1. And, bind the click event of the button to this method, by using v-on directive | | 1. Try the add button. ok, it’s working properly. | | 1. Create a toggle method to handle changing state of the task | | 1. Then, bind change event of the checkbox to this method | |  | | 1. try checkbox, ok. | | 1. Now, to calculate remaining tasks, add a computed property, named remaining | | 1. And finally, show this property by using interpolation | | 1. This computed property, recalculate by changing in the task state, and because of the reactivity nature of vue, this change is shown on the form, accordingly | | 1. As you can see, we created all these functionalities, just by adding a few lines of code. That’s, one of the reasons, why the vue framework is so popular |  1. In following, we look at some of the pros of the vue framework |
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