**Introduction:**

CkEditor is a rich text editor which helps us store formatted content in html format. It can be used to edit HTML content in any given document.

In this tutorial, we will learn how to implement CKEditor in our .Net web application to create a new post for a blog website.

**Description:**

For this tutorial, we will use Visual studio 2019. We will create a new web application as follows:

**Insert image 1**

Give an appropriate name to your application and click on create

**Insert image 2**

For this tutorial, we will make this a MVC application

**Insert image 3**

Once our application is created, let’s go and create our database with following table

**Insert image 4**

We will use entity framework for inserting into the database table. So for that we will create an Entity data model. Right click on project and add a new item as in the following image

**Insert image 5**

**Insert image 6**

Add a new connection (if not exists)

**Insert image 7**

Add SQL server name and select a database. You can choose to test connection to check if everything is going right. Once done, click on Ok

**Insert image 8**

Save connection settings in Web.config file and click on next

**Insert image 9**

Select the table(s) as per requirement and click on Finish. With this the edmx file will be created

**Insert image 10**

Now, we will add a new controller with views

**Insert image 11**

Add details for Model class, data context file and layout file for the view pages

**Insert image 12**

We will now add the CkEditor package to our project. Right click on project and go to the ‘Manage NuGet Packages.’ options. Go to the browse tab and search for “ckeditor”. You can choose from many available options as per your requirement. I have used the ‘ckeditor-standard’ package for this tutorial

**Insert image 13**

Now, since we won’t be taking CreatedDate as an input value from the view page, we will remove the following code from our Create view page

**Insert image 14**

Once this is done, we can run and check our project for creating a new post. By default, we have the text box to add the Post description

**Insert image 15**

When we click on create a text value is inserted in the table. You can check the same for yourself.

In real world scenarios, we will need formatting for the post description. For example, we will need bold letters for the title of the post and so on. To implement that, we will make use of CkEditor rich text box.

For that, we have to first add the [AllowHtml] data annotation to our model class “PostDescription” property. Our Model will look as follows

**Add Model class code**

In our layout page (\_Layout.cshtml) we will include the script tag to include ckeditor.js file in the head section, below render scripts (or, you can choose to include the script file in the bundle config file and then include in \_Layout.chstml)

**Add layout script tag code**

For our view page, we need to change the editor box to text area and add class as “ckeditor”

**Add Create page description block code**

My controller method will look like

**Add controller create code**

Now if you run your app, you will see the CKEditor text box for the Post description field

**Insert image 16**

After creation is done, you can check the difference in the Sql server. I am adding a reference entry for the same

**Insert image 17**

**Summary:**

We have successfully implemented CKEditor in our web application.

To implement CKEditor in Angular follow link: <https://www.thecodehubs.com/ckeditor-in-angular/>

To implement CkEditor in Vue.js follow link: <https://www.thecodehubs.com/ckeditor-in-vue-js/>