

# Web Dev Assignment



Expected Required Time :- Roughly 24 hours (total time)

We hope you were comfortable with your first assignment on using github. (If you weren't, we strongly encourage you to reach out to one of us)

In this assignment we'll practice our hands on the very basics of web development.

## Tutorials:

- <https://www.codecademy.com/catalog/subject/web-development> (They have courses on Html/ Html & CSS/ JavaScript)
- <https://www.w3schools.com/>
- <https://www.tutorialspoint.com/>
- [https://www.youtube.com/watch?v=Ggh\\_y-33Eso&index=7&list=PLGLfVvz\\_LVvSX7fVd4OUFp\\_ODd86H0ZIY](https://www.youtube.com/watch?v=Ggh_y-33Eso&index=7&list=PLGLfVvz_LVvSX7fVd4OUFp_ODd86H0ZIY) (HTML fast tutorial)
- [https://www.youtube.com/watch?v=l-rTKuEhrCM&index=8&list=PLGLfVvz\\_LVvSX7fVd4OUFp\\_ODd86H0ZIY](https://www.youtube.com/watch?v=l-rTKuEhrCM&index=8&list=PLGLfVvz_LVvSX7fVd4OUFp_ODd86H0ZIY) (CSS fast tutorial)
- [https://www.youtube.com/watch?v=\\_clvpJY2deo&list=PLGLfVvz\\_LVvSX7fVd4OUFp\\_ODd86H0ZIY&index=6](https://www.youtube.com/watch?v=_clvpJY2deo&list=PLGLfVvz_LVvSX7fVd4OUFp_ODd86H0ZIY&index=6) (Javascript fast tutorial)

## Assignment:

Let's start with simple **html**

1. Create a html file that looks like this: (Create it inside a folder html1)  
<https://drive.google.com/open?id=1XfAVxWUfiWSKoBFNUiDBveYq2bXT2HPh>

2. Create a html file that looks like this: (Create it inside a folder html2)  
[https://drive.google.com/open?id=11xIQ\\_0fyqpX0AKedqWQdkdd3kTvnEhwI](https://drive.google.com/open?id=11xIQ_0fyqpX0AKedqWQdkdd3kTvnEhwI)
3. Extra : - Do check out what are the following tags used for and use them in your webpage:-
  - a. <div>
  - b. <iframe>
  - c. <a>

### **CSS:**

1. Create a html with a css file that looks like this: (Create inside a folder css1)  
[https://drive.google.com/open?id=1\\_EQPyld1FfifgCCxPIEvOKrpfOh3ZTVn](https://drive.google.com/open?id=1_EQPyld1FfifgCCxPIEvOKrpfOh3ZTVn)
2. Create a html with a css file that looks like this: (Create inside a folder css2)  
<https://drive.google.com/open?id=1wR53URpgsvj1KSQgWKCogJOPepWcBSOq>
3. Make your webpages responsive to the screen size. You may want to use viewport sized typography or bootstrap for the same. Any of these would do the work.
4. Extra :- Also try to beautify your previously built webpages using CSS.

### **Javascript**

1. Create a simple Todo app using Javascript (write its code inside a folder JS1). It may look like this:  
<https://drive.google.com/open?id=1k2SKYoaSaa3Vv-GgznBtzu2wWvulbs4K>
  - a. What features should it have?
    - i. A text input area to add a new item
    - ii. When you click on an item, a strikethrough occurs over it.
  - b. (Advanced) When you hover over some item, you get an option to delete or edit it
2. You can try to make your previous websites interactive in creative ways.

We hope this assignment get you interested in web development.

If you find it tricky, remember that your determination is all that stands in your way to success and you are always free to ask for guidance on the slack group.

Even if you weren't able to do the complete assignment successfully, you learnt a lot in the process

Good Luck.

### **Submission instructions**

1. Create a new git repo, possible with the name DevClubAssignment2.
2. Create folders html1, html2, css1, css2 and JS1.
3. Write your codes to respective problems inside those folders only.
4. Keep committing on every major milestone into the assignment. We will look at the stagewise commits also(not only the final result).
5. Submit your github repo link at <https://goo.gl/forms/S1hQLLh3KT2xQn3D2>.