

Concept

In this assignment, you are going to improve your high school's web site that you have developed in Assignment 1 by adding additional features using CSS, JavaScript, and HTML form elements.

In particular, you will add to your high school website some additional capabilities like a navigation menu, and adding sports teams and teaching staff. The assignment will be done **individually**. This is not a group work. We expect unique content from each student. Plagiarism rules will be strictly enforced.

High-level Instructions

* See page 2 for step-by-step instructions. *

- **STEP 1:**
 - Create your Assignment 2 GitHub repository from the link supplied below.
- **STEP 2:**
 - Add a navigation menu to your web site that you created for Assignment 1. For navigation menu, you will be able to use only CSS and html. No Javascript is allowed for the implementation of the navigation menu.
- **STEP 3:**
 - Add a new page that will allow adding and listing (i) teachers and (ii) school sports teams.
- **STEP 4 (by 18 January 2021, 23:59 am):**
 - ***Finish by the due date and ensure your files are in the GitHub repository that was created when you accepted the assignment - your files will be automatically retrieved from GitHub.***

Take particular attention also to the **evaluation criteria** to ensure you at least include functionality relevant to each criterion.

Push to GitHub

Ensure you have committed all your changes and pushed those changes to the GitHub repository repository that was created when you clicked on the assignment link. These will be extracted automatically at the due time be marked and will be the subject of your demonstration session (which you should ensure to attend to get your marks).

- Push this all to your GitHub repository **by the due date and time** so that it gets downloaded and marked. Please do not push any commits after the deadline.
- Fill in the excel table for self-evaluation and submit it through Ninova.

- Sign up for your demonstration session.

Submission Notes

- All steps of this assignment will be evaluated only after the final submission time has passed. However, it is recommended that you get the earlier steps done by their respective due dates.
- Make sure that your GitHub website is publicly accessible online. Instructions will be provided below.
- **To have your assignment graded, attend your demonstration session**, which will be announced in a separate schedule and will be after the due date and time of the assignment.
- Check the separate evaluation form to see on what basis your markers will be grading you.
- Have fun.

Detailed Explanations:

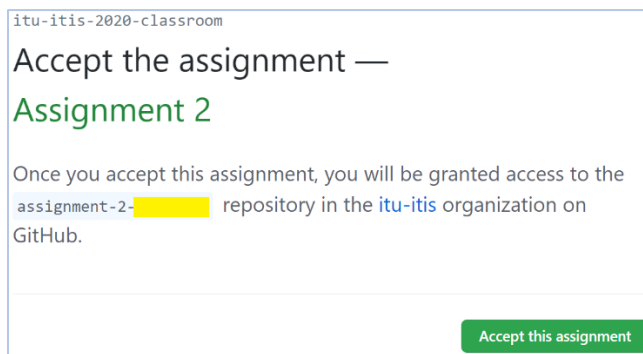
Step 1

Generate your GitHub repository for this assignment

While logged in to GitHub (or by logging in after you click), navigate to the below link:

<https://classroom.github.com/a/bRNZCo-L>

On the resulting web page, accept the assignment to create your new assignment repository, similar to the below image. Note that, your repository will be named wrt your username, e.g., **assignment2-ituitis20-yilmazmeh19**. If this is not the case, please use your respective github account. Otherwise, your work will not be graded as we cannot distinguish arbitrary users.



Your assignment GitHub repository will be available at the link provided on the subsequent web page.

Clone the repository to your computer

Similar to the previous assignment, you will clone the GitHub repository to your computer to edit it. With the command line, you would run:

```
git clone ADDRESS
```

Where ADDRESS can be found from your GitHub repository home page (Please see step 1 in assignment 1 for a detailed explanation of this step, if you do not remember how to do it).
You can subsequently use *git* commands to commit to your repository and push the changes to GitHub

Step 2

Combine the content of all your web pages into a single web page

In this assignment, your web site will contain one single web page that includes the content of all your web pages that you created for Assignment 1. Name your new file as index.html.

Add a navigation menu

You will add a navigation menu using only css and html constructs where each menu item will point to the corresponding portion of the page that you have created above. Please see the source for navigation_starter.html file (available in your repository) as an example implementation of a similar idea. The links would be of the form “index.html#about” (as an example, check out navigation_starter.html#bir or navigation_starter.html#iki or navigation_starter.html#uc). The basic idea is that you will be creating a separate <div> for each page that you merged from Assignment 1. Your css style will first mark all div’s as invisible (via `display:none`), with the exception that `:target` will be visible (via `display:block`). See https://www.w3schools.com/cssref/sel_target.asp for more on `:target`.

Step 3

List teachers and sports teams for your high school

In this step, you will add a new page that will list the teachers and sports teams of your school. Initially, there will not be any teachers or sports team listed on the page. You will provide HTML form elements along with proper CSS scripts to allow users to add teachers and sports teams as outlined below.

The initial look of the page would be as follows. You may use your own favorite colors and fonts.

Teachers:

Teacher Name	Subject	Cluster
--------------	---------	---------

Sports Teams:

Sports Type	Team Name
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Add Teacher

Add Team

When “Add Teacher” is clicked, the following input elements will appear at the bottom. Please see the source for field_hide_show_starter.html file (available in your repository) as an example implementation of a similar idea.

Teachers:

Teacher Name	Subject	Cluster

Sports Teams:

Sports Type	Team Name

Subject:
Teacher Name:
Cluster:

SAY

SOZ

EA

DIL

When “Add” button is clicked after filling in the values, the values should be added to the Teachers table as shown below. Besides, the subject and teacher name fields should be cleaned.

Teachers:

Teacher Name	Subject	Cluster
Hale Can	Physics	SAY

Sports Teams:

Sports Type	Team Name

Subject:
Teacher Name:
Cluster:

SAY

SOZ

EA

DIL

Similarly, when “Add Team” is clicked, the following input elements will appear at the bottom.

Teachers:

Teacher Name	Subject	Cluster
Hale Can	Physics	SAY

Sports Teams:

Sports Type	Team Name
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Add Teacher

Add Team

Sports Type:

Football

Basketball

Volleyball

Handball

Team Name:

Angry Bees

Add

When “Add” button is clicked after filling in the values, the values should be added to the Sports Teams table as shown below. Besides, team name field should be cleaned.

Teachers:

Teacher Name	Subject	Cluster
Hale Can	Physics	SAY

Sports Teams:

Sports Type	Team Name
Football	Angry Bees

Add Teacher

Add Team

Sports Type:

Football

Team Name:

Add

You do not need to worry about saving any data to a file or database in this assignment. Everything can be saved to memory.

Note: To ensure that your website is compliant with the HTML 5 standard, put your Github website address into the HTML validator at <https://html5.validator.nu/>.

Step 4

⚠ Finish by the due date and make sure that your files are pushed to your Assignment 2 the GitHub repository - your files will be automatically retrieved from GitHub during the demo session.

Pay particular attention to the **evaluation criteria** to make sure that you at least include the functionality relevant to each criterion.