Homework 2: Create Your Homepage

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In this homework, you have to create a simple web page using basic HTML and CSS. You can use `http://www.w3schools.com/html` for your reference. You will need to submit all files related to your web page in single zip file named as `[YourStudentID].zip` to eClass system. You DO NOT NEED to submit hardcopy (printed-out copy) of this homework to me. On-time submission to eClass will suffice.

Problem 1

Create `index.html` file, and include following information inside it:

A. Your full name in big font (using `h1` tag) at the top

B. Your student ID, group number, university email address and some other relevant info about you in normal-size font (using `p` tag) below your name

C. Your profile picture below your details. If you don't have your photo, you can use any avatar image as well.

D. List of your hobbies and interests.

5 points

Problem 2

Create `movies.html` file, and list (at least 4) of your favorite movies inside it. You can look up movies from `http://www.imdb.com` and use all the information given there. Make sure that following information is included for each movie:

A. Movie's title, genre, release date, and short description.

B. Movie's poster image which is clickable. By clicking it, user should be able to navigate to the corresponding IMDb profile of the movie.

C. Place a hyperlink named *Movies* from `index.html` to `movies.html`.

D. Place a hyperlink named *Home* from `movies.html` to `index.html`.

5 points

Problem 3

Create your own stylesheet for headings and paragraphs. You can create a separate CSS file for that, and link it to all of your HTML files. Make sure you change following attributes for each tag (`h1` and `p`):

A. Pick any font type (using `font-family` attribute) of your choice.

B. Pick your own font size in points. For example, 10pt.

C. Pick your own font color?

D. Pick text alignment (using `text-align` attribute)

5 points

Problem 4

In this problem, you will publish your homepage to WWW, so everyone can see it by opening your URL.

Install Git to you computer using this link. Git is the commonly used version-control software, and as a programmer you will definitely need it in future. You can learn more about Git from its documentation. You can check if Git is successfully installed to your computer by executing following command in your command line[1]: `git --version`. It should return the currently installed version of Git.

After successfully installing Git on your computer, follow this link and register to GitHub. Then create a new repository[2] and set its name according to this format `YourGithubUsername.github.io`. For example, if your username is `ahmad1994`, then your repository name should be `ahmad1994.github.io`. This is very important, so make sure that you write everything exactly as described above.

Then follow the instructions given on `https://pages.github.com/`. Namely, open a command line console [3], go to the directory you wish to download your remote repository inside console, and execute following command:

```
git clone https://github.com/YourGithubUsername/YourGithubUsername.github.io
```

If your username is `ahmad1994`, then it is

```
git clone https://github.com/ahmad1994/ahmad1994.github.io
```

This will copy the contents of your newly created repository. Because you haven't put anything to it yet, it is empty now. Now you copy and paste all your HTML, CSS and image files from above tasks into this folder. Once you finish copying, execute the commands below:

```
git add --all
git commit -m "Initial commit"
git push -u origin master
```

It will ask for your github username and password. Make sure you enter them correctly, and press enter[4]. Once you finish everything, you should be able to access your homepage at following URL:

```
http://YourGithubUsername.github.io
```

For example, if your username is `ahmad1994`, then it should be as given below:

```
http://ahmad1994.github.io
```

IMPORTANT: If you complete this task properly, you MUST include your `github.io` URL inside your `index.html`. This way I will know that you did this task.

5 points

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[1]If you are using Windows, you can open your command line window by searching for `cmd` program. If you are using MacOS, then just start Terminal application.

[2]You should be able to find *New Repository* button quite easily, once you login to your GitHub profile.

[3]Note, that if you open command line by calling `cmd` in Run, it opens a command line window in your base User folder. You have to change to the right folder where you want your web page to be stored. You can do so by issuing `cd` command.

[4]Note, while entering password in console, you might not see any characters being typed, but it is OK. This is how most consoles mask passwords.