HTML, CSS & JavaScript

Hey, we are back!

Hopefully, by now you are familiar with basic website development.

You must have noticed that many seniors have their own personal websites. In this lab, you will be creating one for yourself.

- Use HTML,CSS, and JavaScript to create the website. (make it much attractive)
- The webpage must include at least **5** pages. Some suggested pages are Home,Projects, Hobbies, Education, Contact me, Timetable, Achievements etc.

There are some basic **standards** which must be followed. Enhancements beyond this are much appreciated and award you **extra credit** if you miss some basic ones.

- Each page must be accessible through links in the header of the page. (Navigation menu/bar)
- Write a descriptive introduction on your homepage along with your picture. You may attach a video also.
- On the education page display your school name and college name in a table.
- Footer in each page should have a link to your Social Media/ Email etc.
- For hobbies
  - Use checkboxes to give the option to choose hobbies and a submit button
  - Clicking on submit, a popup should take confirmation from the user showing all selected hobbies
  - When the user confirms, a description of all the selected hobbies should appear on the webpage.

Use **CSS:**

- Play around with different fonts/colors.
- All images should have a hover description
- Align the contents of the webpage properly with the margins.

Use **Bootstrap:**

The question that you need to ask yourself is whether your webpage renders the same on mobile / tablet as it does on PC. Does it? Maybe not. Try adding Bootstrap to your page so that it renders the same everywhere. Pages with bootstrap get extra credit! ;)

Some quick **titbits**:

1. As this submission will be your homepage on the IIT Bombay CSE website. So make it as informative and attractive as you can. Use this opportunity to create something interesting instead of doing it just for the sake of an assignment. Often, a webpage is asked when you apply for internships or jobs.

2. If you are using any images, videos, or icons, please cite the sources in your **references.txt** file. Make this a commandment for all the labs. Whenever you use something that is not your work, put it in the **references.txt** file.

<u>Hosting</u> on the CSE server:

At first, this might sound very difficult, but it's done by just a single command ;)

    scp -r public_html/* <user_name>@mars.cse.iitb.ac.in:public_html/

<user_name> is your CSE LDAP ID. basically the above command copies your directory into the CSE server.

NOTE : The CSE LDAP ID would be used to evaluate your assignment, on which you hosted your webpage on the CSE server.

<u>Submission Guidelines</u>

- You are required to upload your complete webpage in a **.tar** file, named as **<roll_no>_outlab1.tar.gz**
- Your submission contains a README file with the following information:
  README
  |_ _ <Roll Number>
  |_ _ <Name>
  |_ _<link to webpage>
  |_ _ References

  NOTE: The above link would be used for evaluation.

- The submission directory structure should be as follows:
   <roll_no>_outlab1
     |_ _ _ public_html
     | |_ _ _index.html
     | |_ _ _ other html files/stylesheets/javascript files.
     |_ _ _README

- You need to create a tar file from the <roll_no>_outlab1 directory. Use the command
      tar -czvf <roll_no>_outlab1.tar.gz <roll_no>_outlab1/

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Atleast 5 pages	15 points
Images/Other Media	5 points
Table in Education Page	5 points
Properly working hobbies page	5 points
Use of CSS	15 points
Hosting the website	5 points
Use of Bootstrap and creativity	10 points(bonus)

Total Points: 50 points ($15 + 5*4 + 15 + *10_{bonus}$)