

IT Workshop-1 Monsoon 2017

Mini Project

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1 Goal

- Create your personal website. This gives you opportunity to learn and practice your web design (HTML, CSS, JS) skills.

2 Expectations

- Include at least 3 pages /sections describing yourself (could be fictional). This is your web space. You can put anything you wish, provided it does not any (read legal, ethical, privacy, security related) troubles for the institute/parents/yourself. Hence, you are alone responsible for the content of your website.
- Each page must have at least a few paragraphs of text. Content itself is not evaluated, although it helps to have readable, meaningful statements.
- The website must be designed using HTML and CSS. Use of Javascript is optional.
- Separation of concerns: Separate content (HTML), style (CSS) and behavior if any (JS). Pages should all be styled using a separate CSS file.
- You must create the pages manually and create your own style sheet. . You are not allowed to use any HTML templating framework or CSS theme template. Use of content management softwares, publishing systems, or any other frameworks is also not permitted. You may not borrow code from any websites or other sources.
- Each page must contain a navigation menu. The menu should look the same across all the pages. It must contain links to all the pages you have written. It may contain additional links to external websites.
- At least one of the pages must be organized into sections and subsections.
- Ensure that your website is cross browser compatible.
- The code must follow good programming practices.

- The code should follow secure coding practices. It should not be source of any security threats to anyone, including IIIT servers. If it does, you would be responsible.
- After creating your pages, you must upload them to web.iiit.ac.in or researchweb.iiit.ac.in so that your web site is accessible from anywhere in IIIT and outside.

3 Evaluation Criteria

- Basics (20 marks): Your website must meet the above criteria.
- Standards compliance (20 marks): Your pages must be valid HTML and CSS pages as verified by the W3C validator. Your HTML pages must conform to HTML5 standard and CSS to CSS3. HTML4.1 and below will earn you a zero here. You must indent your HTML and CSS files (and JavaScript files, if any) properly.
- Semantics (20 marks): You should use the right HTML tags to describe your content. Presentation details must be separated into a separate CSS file. Understand when a CSS selector is most appropriate and use it accordingly.
- Advanced features (10 marks): Using extra features in HTML and CSS make the pages look elegant and with enhanced usability. JavaScript, responsive design for mobile devices, WebGL, MathML or Canvas will earn you extra marks too.

4 Submission and deadlines

- TAs will grade the assignments manually.
- The website must be up and running. Your webpage source code will be inspected or you will be asked to give a demo.
- Another submission must be done as a zip (or .tar.gz, .tar.xz, .tar.bz2) file. After unzipping and opening the index page in a browser, the site must work. Make sure double check your submission by unzipping the zip file to a separate directory before uploading.
- The website must be up and running by 20th November. The evaluation will happen between 20-25th Nov.

For any doubts or clarifications, please contact the TAs or the instructors.