

Git and Github



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Course :
Web Programming(F28WP)

Website Link :
<https://ag220502.github.io>

Repository Link :
<https://github.com/ag220502/ag220502.github.io>

Demonstrated to :
Harshal Thachapully

Demonstrated Date :
28th September 2021

Overview

In this Lab, I created the website using Jekyll - a static website generator. I started with creating a GitHub repository and then adding files to it. After that, I added content to the ReadMe.md file and then I created content for the website. In this, I have used markdown syntax for creating pages which makes it easy for us as we don't have to write code again and again for similar pages like PHP.

Screenshots (Code)

1. Index.html

```
---
layout: default
title: Lab 1 - Git and Github
---
<div class="blurb">
  <h1>Hello World,</h1>
  <p>Welcome to my first website using Jekyll - Static Website Generator </p>
</div>
```


Using this file I am creating the first page of my website and first, we are defining the layout of the page and then we are defining the title of the page and this syntax of key-value pair is called **Front Matters**. And below that, there is the content of the page which is printed on the page.

2. Layout.html

```
<!DOCTYPE html> <html>
<head>
<title>{{ page.title }}</title>
<!-- link to main stylesheet -->
<link rel="stylesheet" type="text/css" href="/css/main.css"> </head>
<body>
<nav>
<ul>
<li><a href="/">Home</a></li>
<li><a href="/about">About</a></li>
<li><a href="/blog">Blog</a></li>
</ul>
</nav>
<div class="container">
{{ content }}
</div> <footer>
<ul>
<li><a href="https://github.com/weblabtutorial">github.com/weblabtutorial</a></li>
<li><a href="https://weblabtutorial.github.io"> weblabtutorial.github.io </a></li>
</ul> </footer>
</body> </html>
```



Using this file, I am declaring the default code for the pages so that I don't have to write the code again and again and we can just use front matters and liquid tags to fill in the content. Liquid tags are {{page.title}} and here the value of the title will be placed.

3. Repository

 ag220502 Update index.html	✓ 0dfe546 6 hours ago	🔄 49 commits
📁 _layouts	Update default.html	16 hours ago
📁 _posts	created first post	16 hours ago
📁 about	completed about page	6 hours ago
📁 blog	created blog page	16 hours ago
📁 css	css code added	16 hours ago
📄 .gitignore	.gitignore file created	16 hours ago
📄 README.md	Update README.md	18 hours ago
📄 _config.yml	created config.yml file	16 hours ago
📄 index.html	Update index.html	6 hours ago

This is my GitHub repository and in this _layouts folder has all the default layouts for the pages, _posts have all the posts for the blog whereas in about and blog folder I have written code for the about me page and blog page.

4. README.md File

 README.md 

ag220502.github.io

Course Name : [Web Programming](#)

Lab 1 : Git and Github ([Link](#))

Lab helps us to know how we can create a repository, add and modify files in it and maintain a repository. Also, We are using jekyll for creating a static website

Part 1 : Creating a repository on github and adding various files with multiple commits

Part 2 : Here, we have to add content in Readme file and create content of website

Part 3 : We have to write blog posts

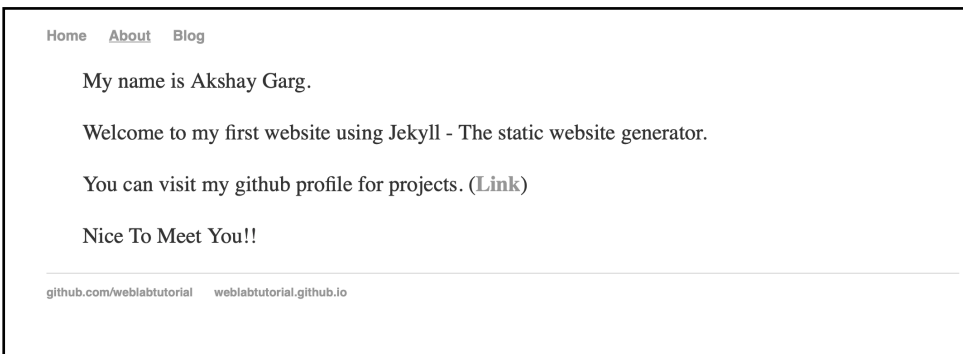
Readme file is used to tell the viewers what the repository is about and the Developer can tell about himself and the full description of the project he/she has created.

Screenshots (Output)

1. Index Page



2. About Page



3. Blog Page



4. Post Page

