

TASK 6: Host a Static Website with GitHub Pages

➤ Objective:

Deploy a simple HTML (static) website using GitHub Pages.

➤ Tools Required:

GitHub Pages

➤ Deliverables:

- App link: <https://ramakrishnaragi.github.io/TASK-6-Host-a-Static-Website-with-GitHub-Pages/>
- Repo link: <https://github.com/Ramakrishnaragi/TASK-6-Host-a-Static-Website-with-GitHub-Pages.git>

➤ Step-by-Step Guide:

mkdir TASK 6: Host a Static Website with GitHub Pages

cd TASK 6: Host a Static Website with GitHub Pages

Step 1: Create a simple index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-
scale=1.0" />
  <title>My GitHub Page</title>
  <link rel="stylesheet" href="style.css" /> # this link is for style.css
</head>
<body>
  <div class="container">
    <h1>🚀 Welcome to my Devops site!</h1>
    <p>Welcome to my static website hosted on GitHub Pages.</p>
  </div>
</body>
</html>
```

Create a file style.css

```
body {  
    margin: 0;  
    font-family: Arial, sans-serif;  
    background-color: #a8d5a2; /* Nice soft green */  
    color: #fff; /* White text for contrast */  
}  
  
.container {  
    text-align: center;  
    padding: 100px 20px;  
    background-color: #a8d5a2; /* Same green background for full  
consistency */  
    max-width: 100%;  
    margin: 0;  
}  
  
h1 {  
    color: #ffffff; /* White heading text */  
    font-size: 3em;  
    margin-bottom: 10px;  
    background-color: #70b570; /* Slightly darker green behind heading */  
    padding: 20px;  
    border-radius: 10px;  
}  
  
p {  
    font-size: 1.2em;  
    background-color: #89c789; /* Light green behind paragraph */  
    padding: 15px;  
    border-radius: 10px;  
    display: inline-block;  
    color: #fff;  
}
```

Step 2: Initialize Git and Push to GitHub

➤ Follow this cmd's:

- git init
- git add .
- git commit -m "Initial commit"
- git branch -M main
- git remote add origin https://github.com/<your-username>/my-static-site.git
- git push -u origin main

A screenshot of a GitHub repository page. At the top, there are navigation buttons: a dropdown for 'main' branch, a 'Code' button, and a 'Code' dropdown. Below this is a table showing file history:

File	Commit Message	Time Ago
README.md	Initial commit	2 hours ago
index.html	replace	22 minutes ago
style.css	replace	22 minutes ago

➤ After files are pushed into github repo automatically action will work and complete the Build ---> report build status ---> deploy

A screenshot of a GitHub Actions pipeline summary. At the top, there is a navigation bar with links: Code, Issues, Pull requests, Actions (which is underlined), Projects, Wiki, Security, Insights, and Settings.

The main area shows a summary of a recent run:

Triggered via dynamic	25 minutes ago	Status	Total duration	Artifacts
Ramakrishnaragi	→ 34cc6a9 main	Success	43s	1

Below this, there is a detailed view of the pipeline steps:

```
graph TD; build[build] -- 21s --> report[report-build-status]; report -- 3s --> deploy[deploy];
```

The steps shown are:

- build (21s)
- report-build-status (3s)
- deploy (9s) - with a link to <https://ramakrishnaragi.github.io/TASK-6...>

➤ Once check the pages in repo

Enable GitHub Pages:

- Go to your repo on Github
- Click setting ----> pages
- Under **source**, choose: deploy from a branch
Branch: main
Folder: / root
- Click save
- GitHub will give you a **live website link** after a few seconds.

Your site is live at <https://ramakrishnaragi.github.io/TASK-6-Host-a-Static-Website-with-GitHub-Pages/>

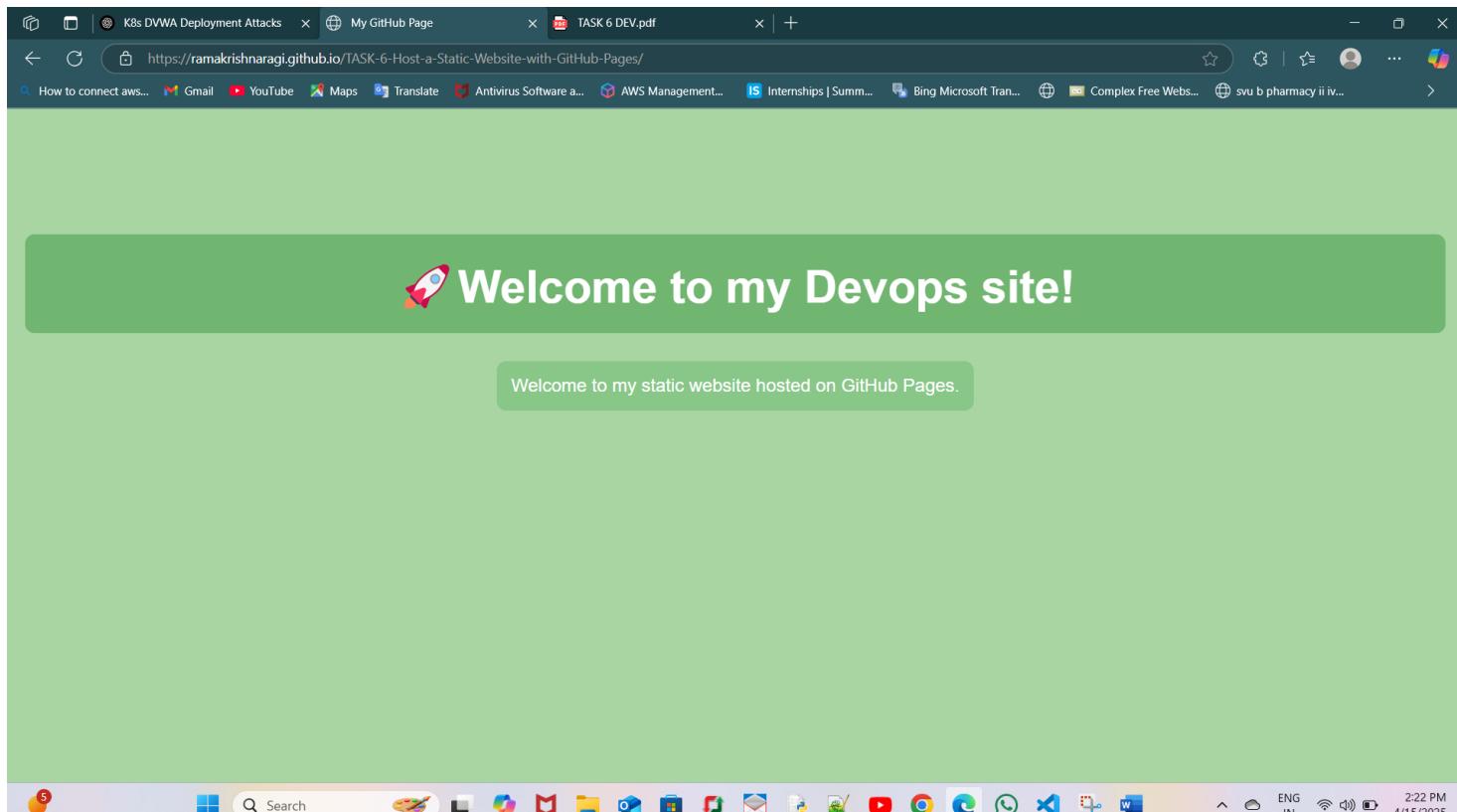
Last deployed by  Ramakrishnaragi 33 minutes ago

[Visit site](#)

...

Then finally access the application use for github provided link:

<https://yourusername.github.io/your-repo-name/>



-----THANKYOU-----