

SAMPLE PROJECT USING GIT AND GIT HUB

STEP 1: IN Gitbash

- **Creating a directory**
mkdirs simple-website
- **Changing the directory**
cd simple-website
- **Create a HTML file:**
nano index.html
- **In editor**

```
<!DOCTYPE html>
```

```
<!-- trigger redeploy -->
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="UTF-8" />
```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0" />
```

```
<title>My Simple Website</title>
```

```
<!-- Font Awesome for icons -->
```

```
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.5.0/css/all.min.css" />
```

```
<style>
```

```
body {
```

```
font-family: Arial, sans-serif;
```

```
margin: 0;
```

```
padding: 0;
```

```
background-color: #f4f4f4;
```

```
color: #333;
```

```
}
```

```
header {
```

```
background-color: #333;
```

```
color: white;
```

```
padding: 1.5rem 2rem;
```

```
text-align: center;
}
```

```
nav {
  background-color: #444;
  padding: 0.5rem;
  text-align: center;
}
```

```
nav a {
  color: white;
  text-decoration: none;
  margin: 0 1rem;
  font-weight: bold;
  transition: color 0.3s;
}
```

```
nav a:hover {
  color: #4caf50;
}
```

```
main {
  padding: 2rem;
  max-width: 900px;
  margin: auto;
}
```

```
img.profile {
  display: block;
  width: 150px;
  border-radius: 50%;
  margin: 1rem auto;
```

```
}
```

```
.button {  
  display: inline-block;  
  background-color: #4caf50;  
  color: white;  
  padding: 10px 20px;  
  text-decoration: none;  
  border-radius: 6px;  
  margin-top: 10px;  
}
```

```
.button:hover {  
  background-color: #45a049;  
}
```

```
footer {  
  background-color: #333;  
  color: white;  
  text-align: center;  
  padding: 1rem;  
  position: fixed;  
  bottom: 0;  
  width: 100%;  
}
```

```
.social-icons a {  
  color: #333;  
  margin: 0 10px;  
  font-size: 1.5rem;  
  text-decoration: none;
```

```
    transition: color 0.3s;
}
```

```
.social-icons a:hover {
    color: #4caf50;
}
```

```
section {
    margin-bottom: 3rem;
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<header>
```

```
<h1>Welcome to My Simple Website project</h1>
```

```
<p>Learning Git, GitHub & Web Hosting</p>
```

```
</header>
```

```
<nav>
```

```
<a href="#home">Home</a>
```

```
<a href="#about">About Me</a>
```

```
<a href="#projects">Projects</a>
```

```
<a href="#contact">Contact</a>
```

```
</nav>
```

```
<main>
```

```
<section id="home">
```

```
<h2>Home</h2>
```

```

```

```
<p>This website is hosted using <strong>GitHub Pages</strong>. It's part of my learning journey
into web development, version control, and DevOps.</p>
```

</section>

<section id="about">

<h2>About Me</h2>

<p>Hi! I'm an aspiring developer learning how to build and deploy websites using Git and GitHub. I enjoy working with code, exploring new tools, and automating things</p>

<p>I am also exploring technologies like Jenkins, Docker, AWS, and more!</p>

</section>

<section id="projects">

<h2>Projects</h2>

Portfolio Website – The site you're viewing now. Built with HTML and hosted on GitHub Pages.

DevOps Blog – Coming soon...

</section>

<section id="contact">

<h2>Contact</h2>

<p>You can reach me on:</p>

<div class="social-icons">

<i class="fab fa-github"></i>

<i class="fab fa-linkedin"></i>

<i class="fas fa-envelope"></i>

</div>

Email Me

</section>

</main>

</footer>

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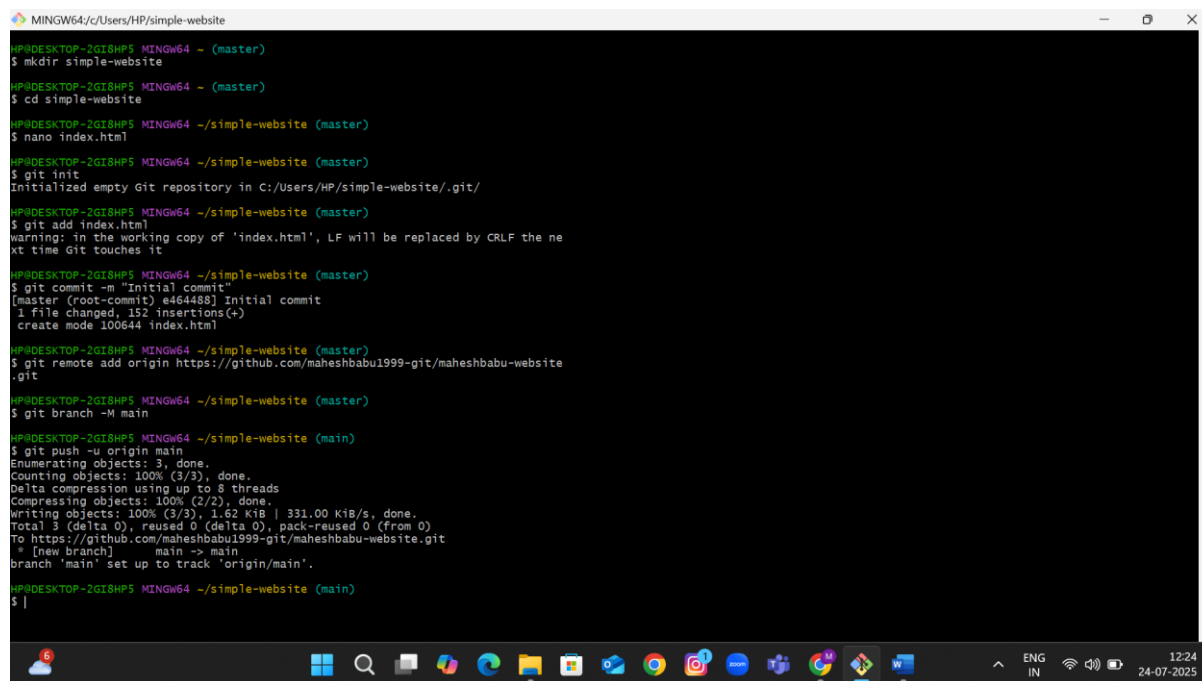
</footer>

</body>

</html>

STEP 2:

- **Initialize Git**
git init
- **Add file**
git add index.html
- **Commit**
git commit -m "Initial commit"

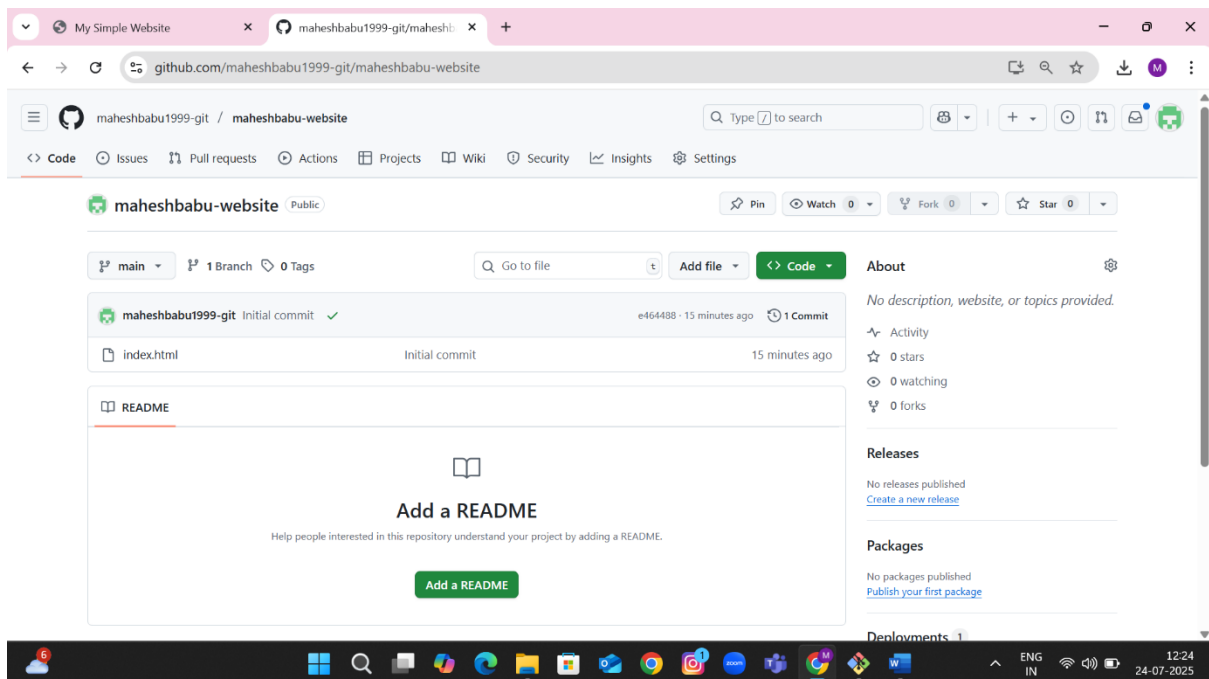


```
MINGW64/c/Users/HP/simple-website
HP@DESKTOP-2GISHP5 MINGW64 ~ (master)
$ mkdir simple-website
HP@DESKTOP-2GISHP5 MINGW64 ~ (master)
$ cd simple-website
HP@DESKTOP-2GISHP5 MINGW64 ~/simple-website (master)
$ nano index.html
HP@DESKTOP-2GISHP5 MINGW64 ~/simple-website (master)
$ git init
Initialized empty Git repository in C:/Users/HP/simple-website/.git/
HP@DESKTOP-2GISHP5 MINGW64 ~/simple-website (master)
$ git add index.html
warning: in the working copy of 'index.html', LF will be replaced by CRLF the next time git touches it
HP@DESKTOP-2GISHP5 MINGW64 ~/simple-website (master)
$ git commit -m "Initial commit"
[master (root-commit) e464488] Initial commit
1 file changed, 152 insertions(+)
create mode 100644 index.html
HP@DESKTOP-2GISHP5 MINGW64 ~/simple-website (master)
$ git remote add origin https://github.com/mareshbabu1999-git/mareshbabu-website.git
HP@DESKTOP-2GISHP5 MINGW64 ~/simple-website (master)
$ git branch -M main
HP@DESKTOP-2GISHP5 MINGW64 ~/simple-website (main)
$ git push -u origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 1.62 KiB | 331.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/mareshbabu1999-git/mareshbabu-website.git
 * [new branch]    main -> main
branch 'main' set up to track 'origin/main'.
HP@DESKTOP-2GISHP5 MINGW64 ~/simple-website (main)
$ |
```

STEP 3:

- **Create a GitHub Repository**

- Name: maheshbabu-website
- Leave it public
- Create repository

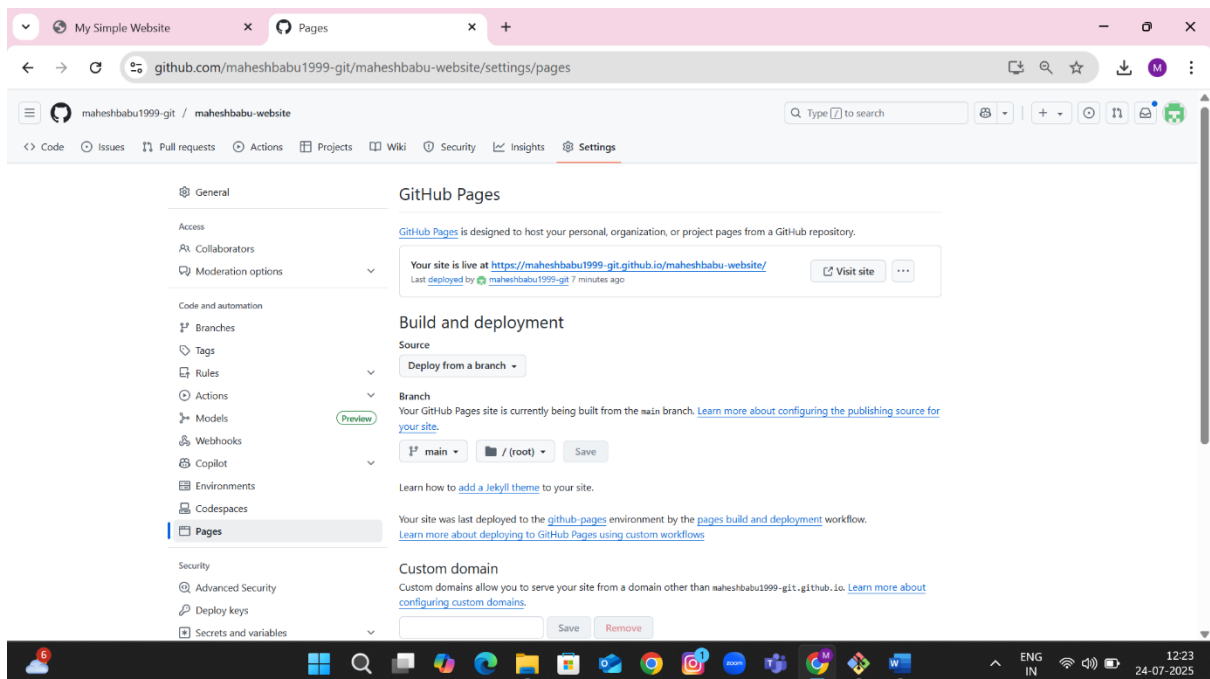
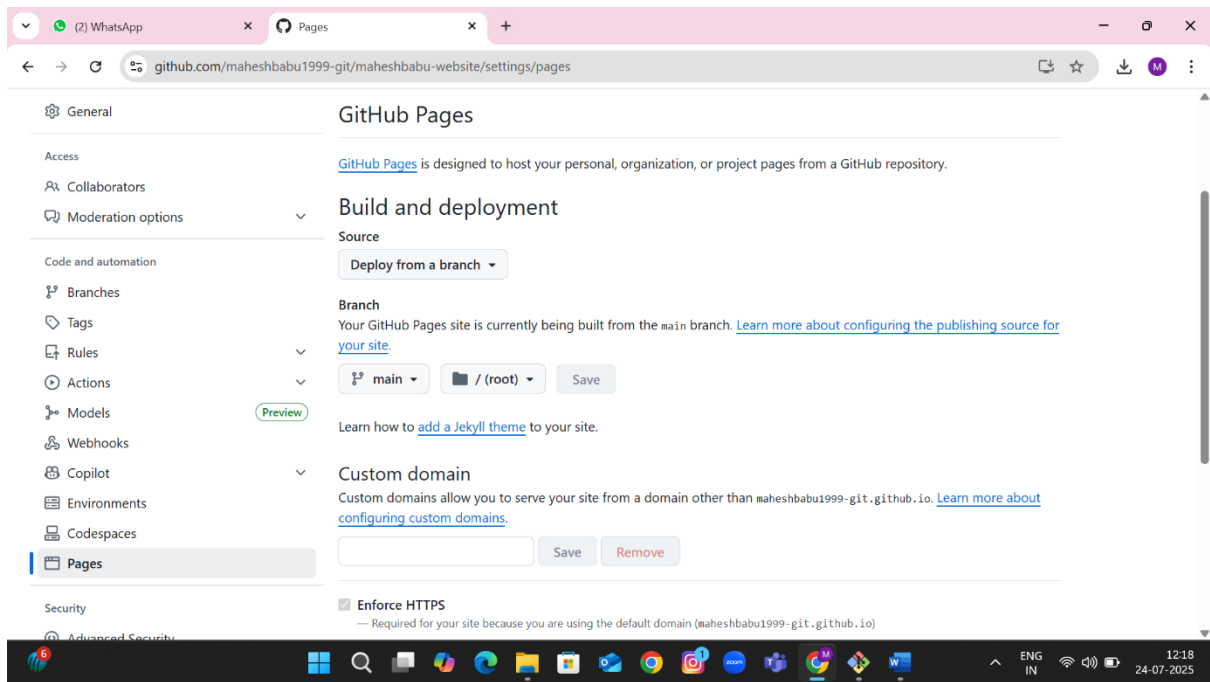


STEP 4:

- **Push code to git hub**
`git remote add origin https://github.com/maheshbabu1999-git/maheshbabu-website.git`
`git branch -M main`
`git push -u origin main`

STEP 5:

- In GitHub repo click settings
- Choose pages
- In source
 - Branch: main
 - Folder: / (root)
- Save



STEP 6: GitHub will give the link

My website link: <https://maheshbabu1999-git.github.io/maheshbabu-website/>

