

**VIT**<sup>®</sup>  
**Vellore Institute of Technology**  
(Deemed to be University under section 3 of UGC Act, 1956)

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REG NO : 23MCA0145  
COURSE CODE : PMCA506L

PMCA506L: CLOUD COMPUTING

DIGITAL ASSIGNMENT =2

## TOPIC: BMI CALCULATOR

### DESCRIPTION:

The Easy Blogging web application is developed using HTML, CSS, Bootstrap, and Python (Django) to facilitate the creation and management of blog posts. The application offers a user-friendly interface for the admin to publish and organize blog content effortlessly.

### **Admin Features:**

#### Blog Post Management:

The admin can create and publish new blog posts, providing details such as blog title, main image, and category.

A rich text editor is integrated, allowing the admin to easily format the blog content. The editor supports features like changing font color, size, family, and headings.

#### Category Management:

Admins have the capability to add new categories for organizing blog posts effectively.

#### User Management:

The admin can add new admins, granting them specific privileges, or remove existing admins as needed.

#### User Experience:

#### Accessible Content:

Users can access the blog content without the need to log in. The website is designed for easy navigation, allowing users to read blog posts seamlessly.

#### Category Selection:

Multiple categories are available, allowing users to choose the topics they are interested in.

### Recent Posts Section:

A dedicated section displays the most recent blog posts, providing users with quick access to the latest content.

### Detailed Post View:

While the main page offers a glimpse of each post, users can click on a post to access a dedicated page with the complete content.

### Overall Design:

The application is visually appealing, employing HTML, CSS, and Bootstrap for responsive and modern design elements. Python (Django) is utilized for the backend, ensuring robust and scalable functionality.

Reference links:

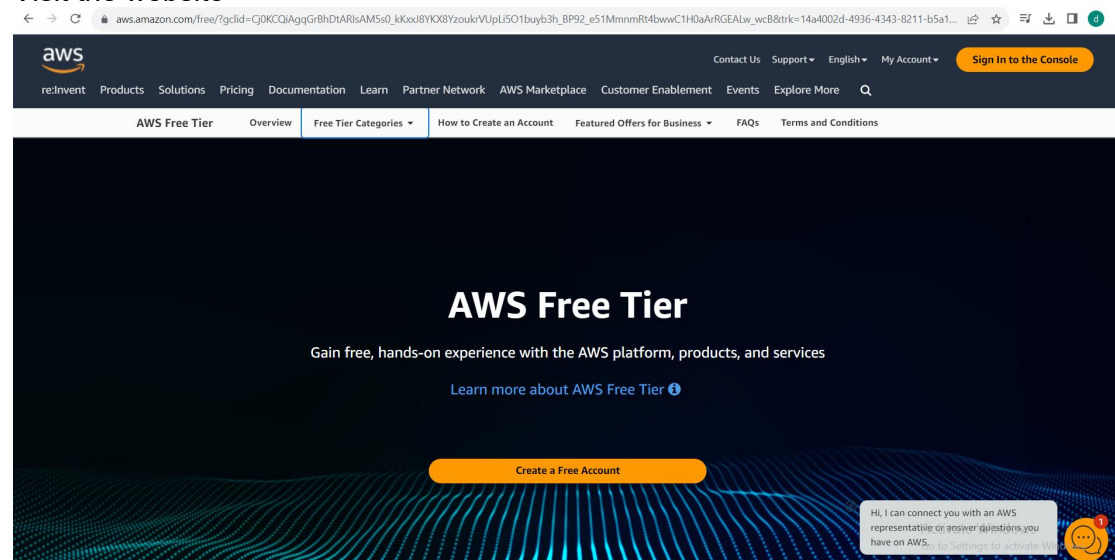
Deployed Project Link :

<https://calculaor.d2j0u16obipt89.amplifyapp.com>

### Hosting process:

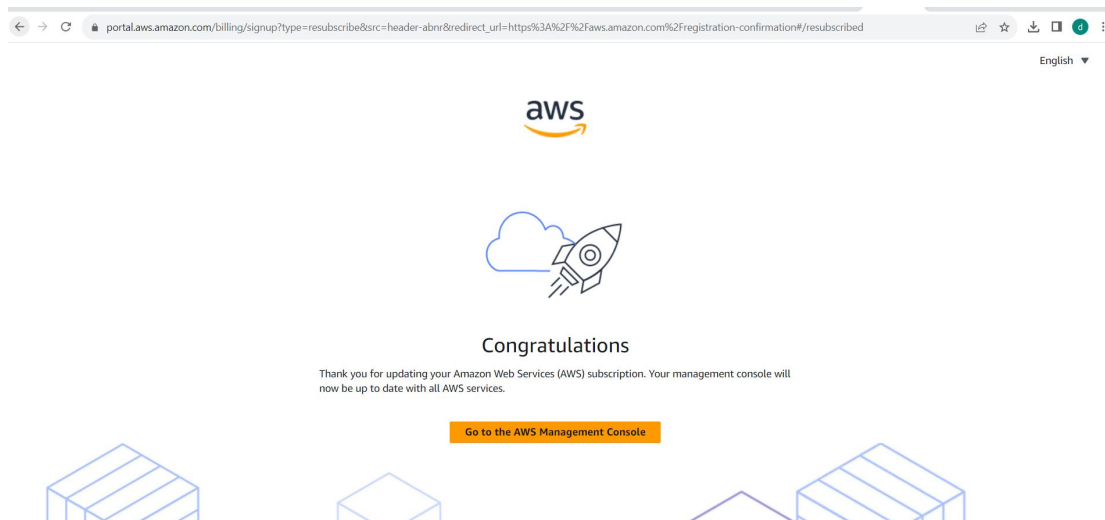
#### Step 1:

Visit the website



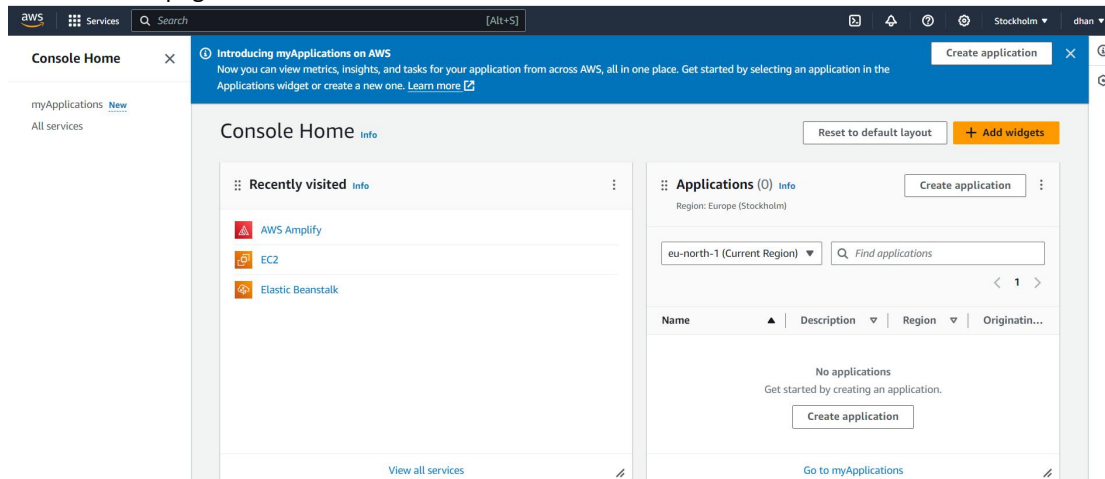
#### Step 2:

Create an account



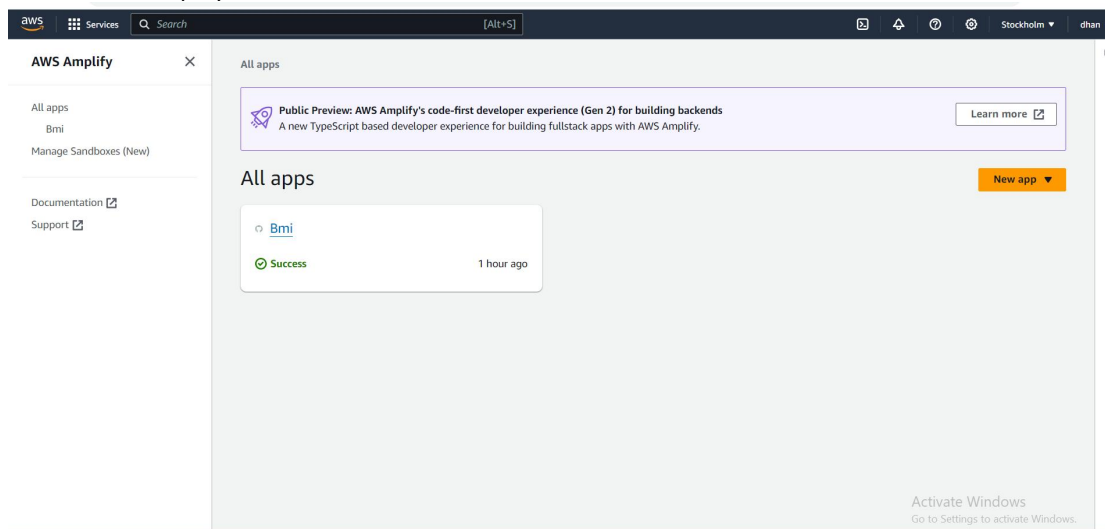
### Step 3:

Visit the homepage



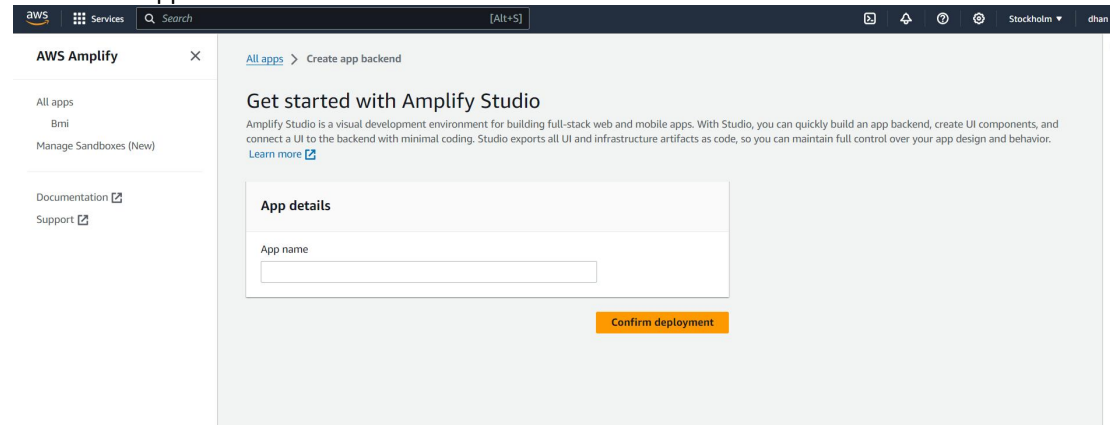
### Step 4:

Click on aws amplify



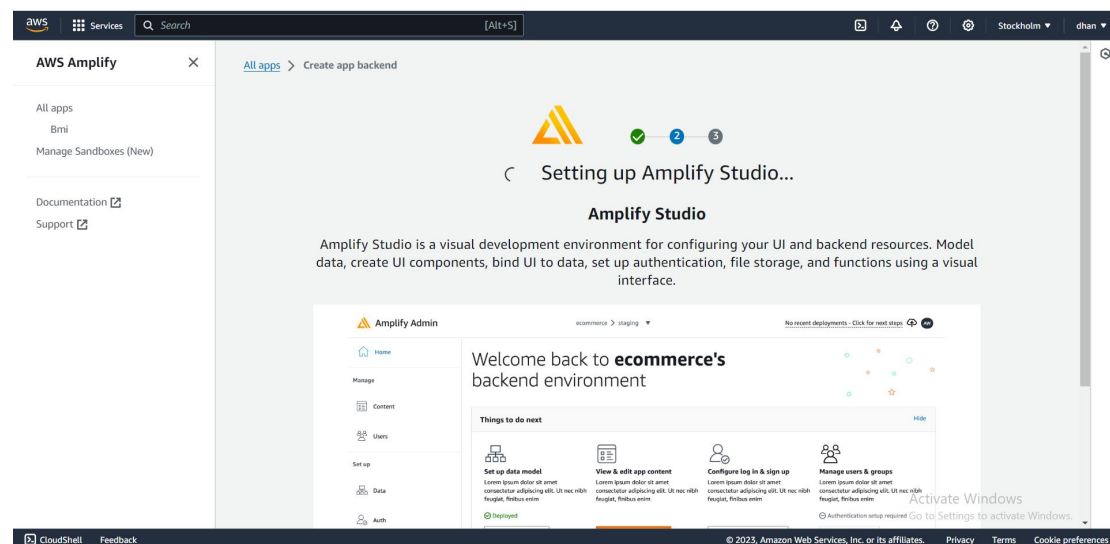
### Step 5:

## Create new app



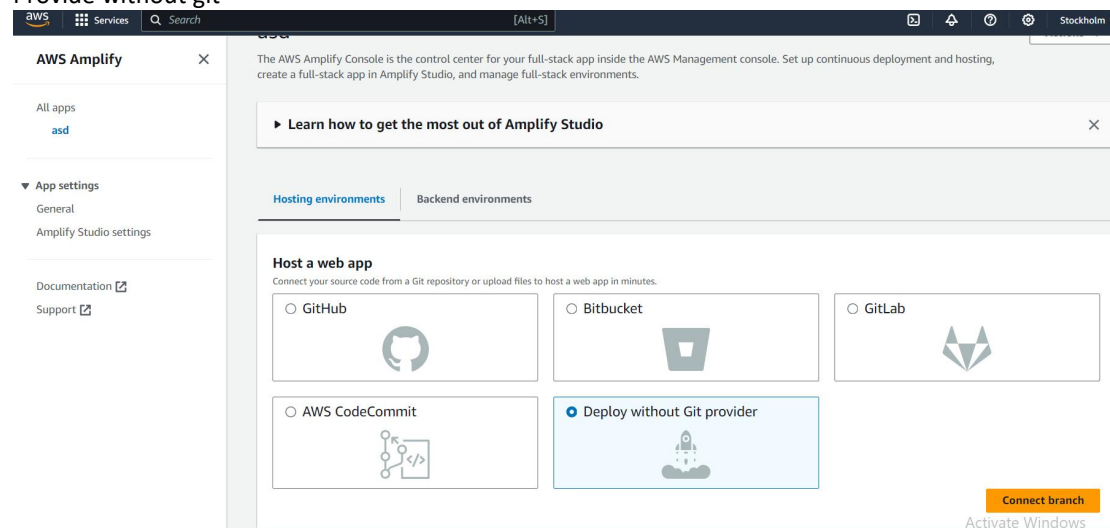
### Step 6:

## Completing the setup



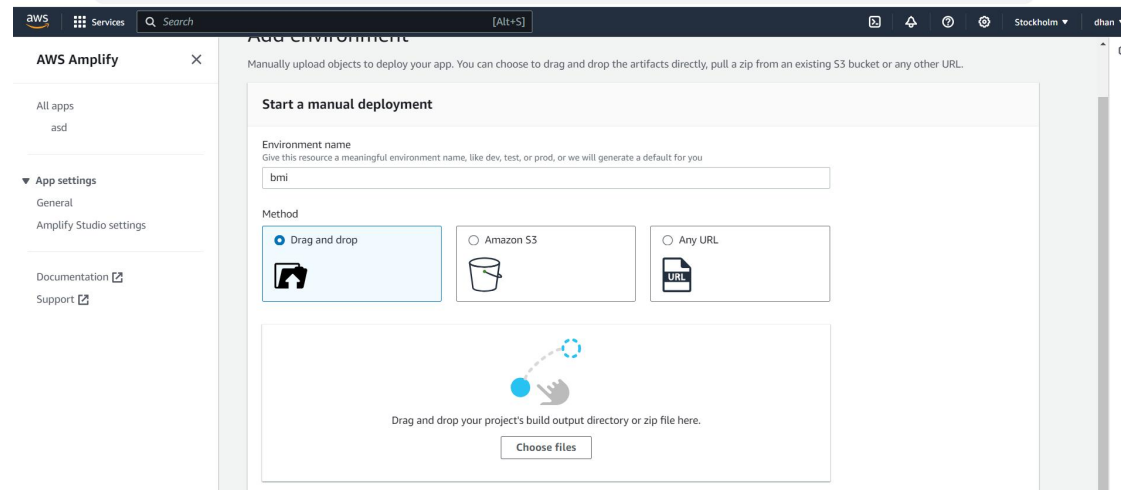
### Step 7:

## Provide without git



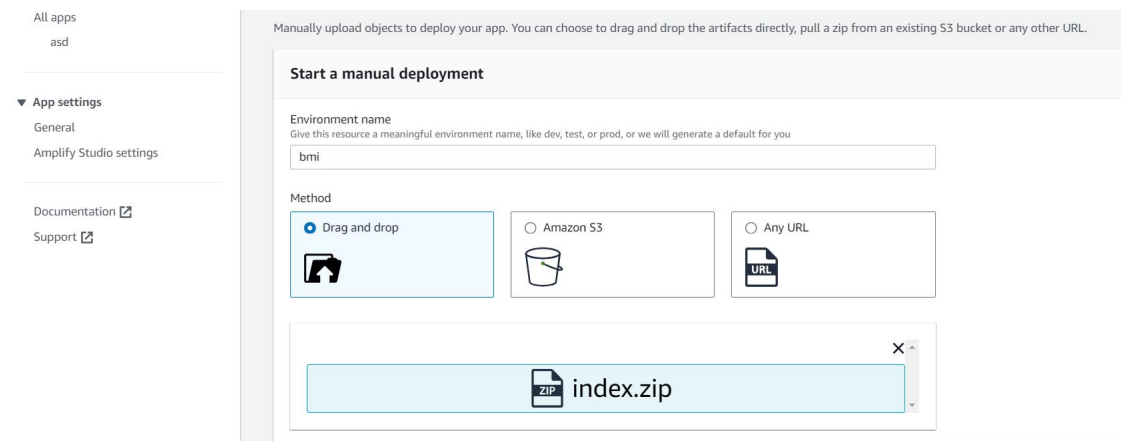
### Step 8:

## Choose the environment



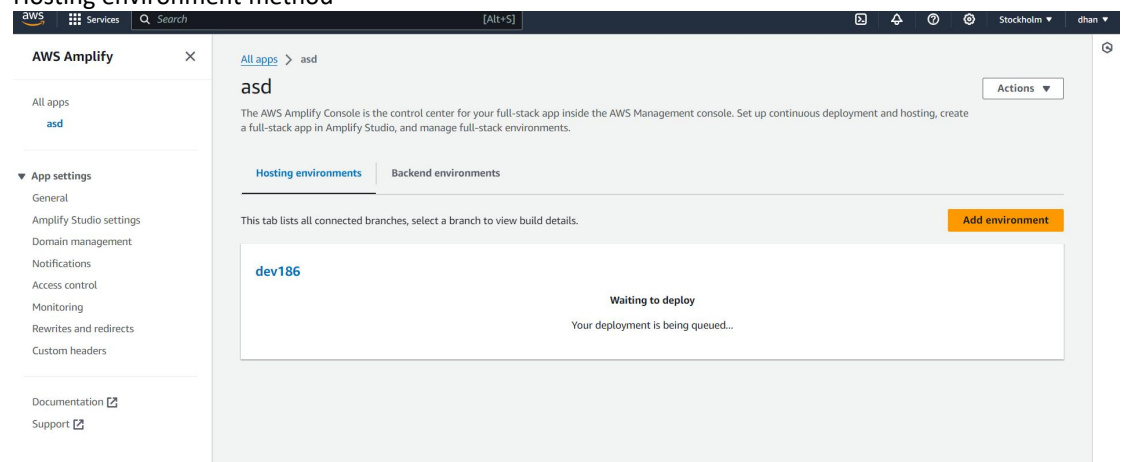
### Step 9:

## Select the required location



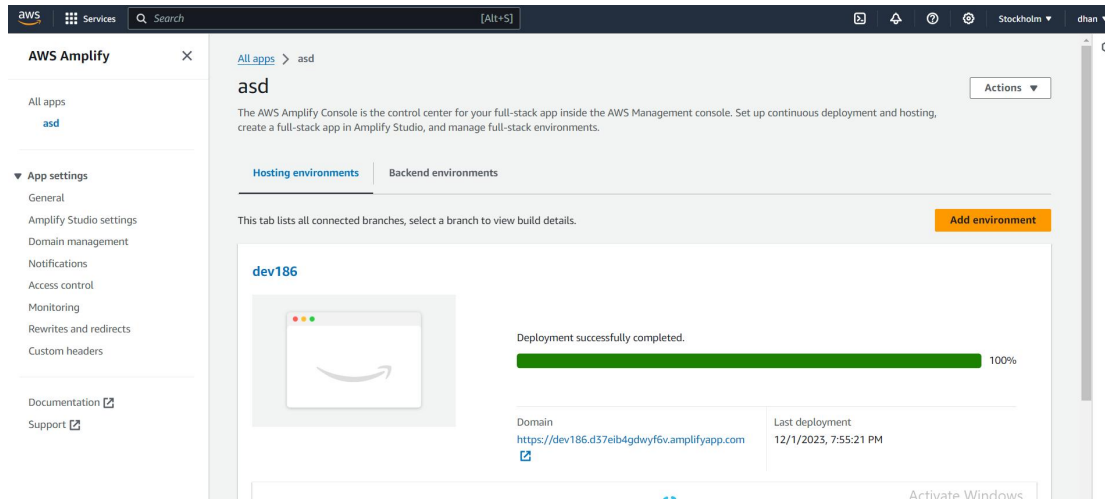
### Step 10:

## Hosting environment method



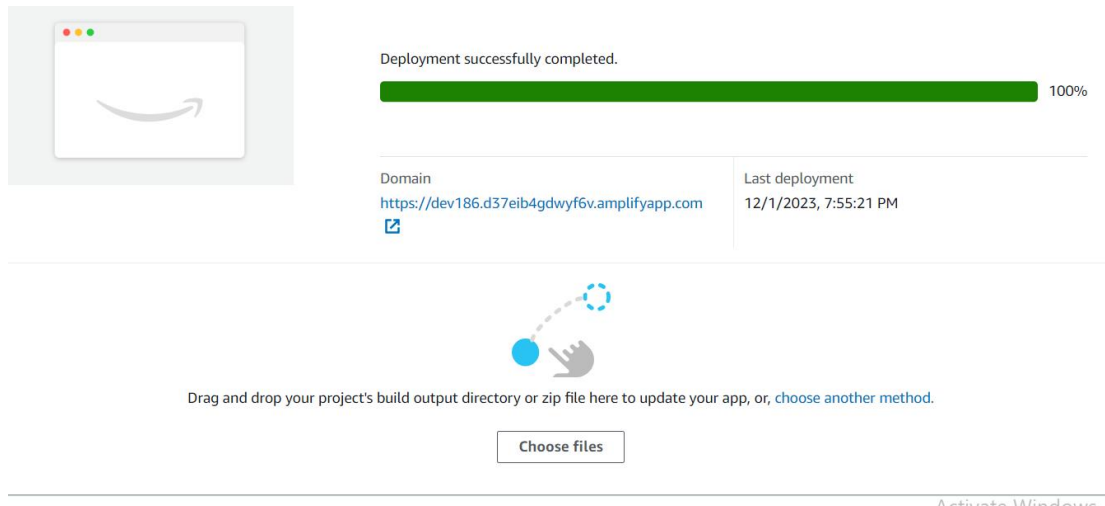
### Step 11:

## Successfully completed deployment



## Step 12:

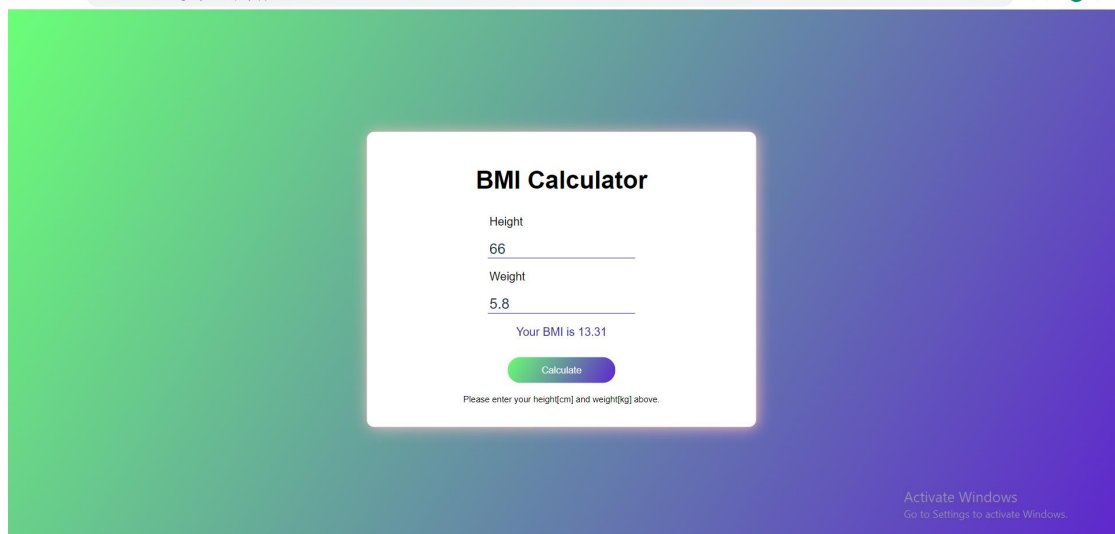
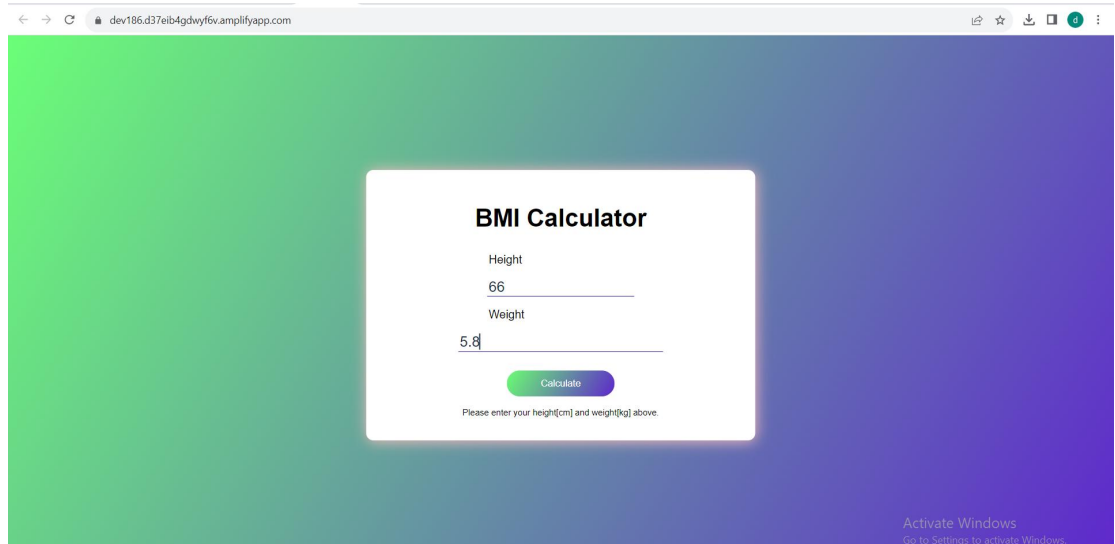
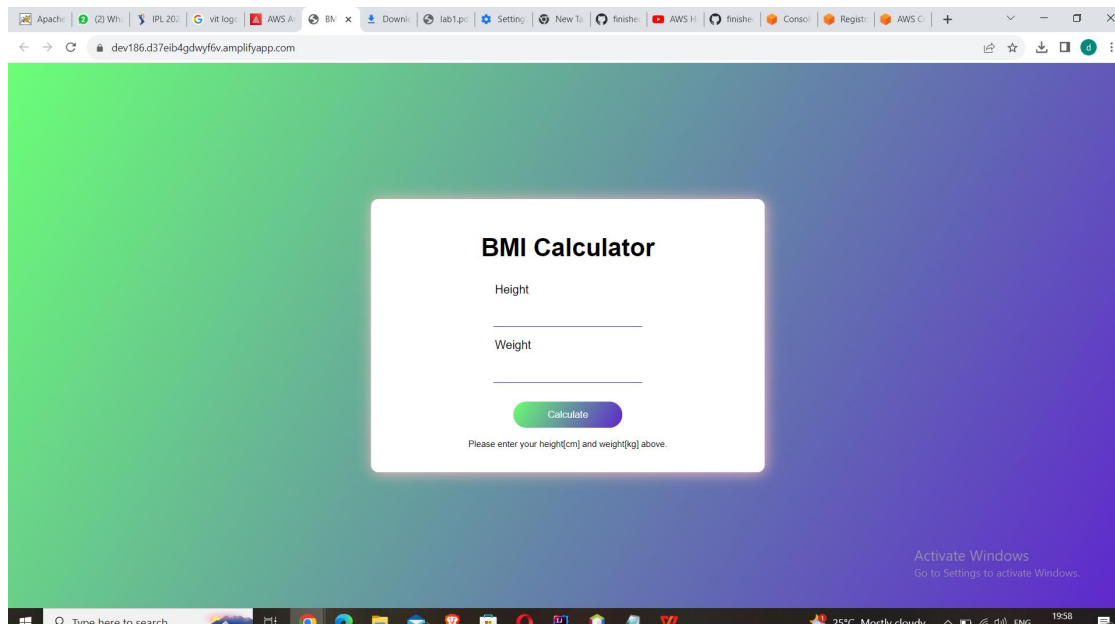
### Selecting the domain



## Step 13:

Now we can terminate the code in the project. And take the web page shown

Screen shots



**Conclusion :**



In conclusion, the Easy Blogging web application is a user-friendly and feature-rich platform designed for efficient blog management and content consumption. Developed using a combination of HTML, CSS, Bootstrap, and Python (Django), the application caters to both admins and users with distinct functionalities. For administrators, the application offers a straightforward interface to create and publish blog posts, manage categories, and oversee user accounts. The inclusion of a rich text editor facilitates the creation of visually appealing and well-formatted content, empowering admins to engage their audience effectively.