# Launching a website on the Ubuntu server:

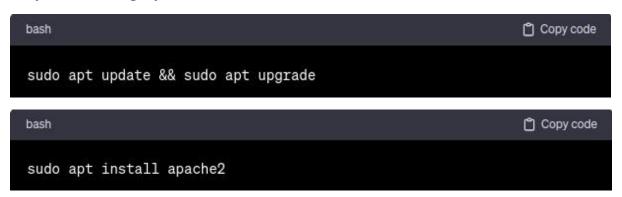
## **Step 1: Launching an EC2 Instance:**

Begin by launching an EC2 instance on AWS, opting for the Ubuntu image to serve as the foundation for your web server.

#### **Step 2: Connecting to EC2 Instance:**

Establish a secure connection to your EC2 instance using EC2 Instance Connect, ensuring a seamless and secure connection.

### **Step 3: Installing Apache Web Server:**



### **Step 4: Verifying Apache Installation:**

Check if Apache is successfully installed by running commands such as which apache2 or apache2 -v.

#### **Step 5: Starting and Checking Apache Service:**

Initiate the Apache service using:

• sudo service apache2 start.

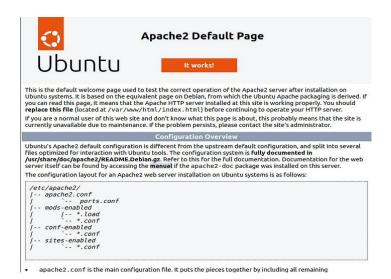
Verify the status of the Apache service with:

• sudo service apache2 status.

#### **Step 6: Viewing Default Apache Page:**

Copy the public IP address of your EC2 instance and paste it into a browser.

You should see the default Apache welcome page.



## **Step 7: Customizing the Website:**

- Navigate to the directory where web content is stored:
- cd/var/www/html.
- Remove the default index.html file:
- sudo rm index.html.
- Create and edit a new index.html file with your own content.

## **Step 8: Restarting Apache Service:**

- After customization, restart the Apache service with
- sudo service apache2 restart

## **Step 9: Viewing Customized Website:**

- Copy the public IP address of your EC2 instance again.
- paste it in the browser.
- You should now see your customized website content.