

Program: 3

Setting Up a Basic Web Server on a Free Tier EC2 Instance

Deploy Your Website

- Type in power shell given commands.
- `ssh -i "C:\Users\HP\Downloads\mcanew.pem" ec2-user@3.83.11.50`
- `sudo chmod 777 /var/www/html`
- `cd /var/www/html`
- `nano index.html`

```
//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 Custom Website</title>
</head>
<body>
  <header>
    <h1>Welcome to My Custom Website</h1>
  </header>
  <nav>
    <a href="#">Home</a>
    <a href="#">About</a>
    <a href="#">Services</a>
    <a href="#">Contact</a>
  </nav>
  <div class="container">
    <h2>About Us</h2>
    <p>This is a simple custom website created for demonstration purposes. You can
customize it further to suit your needs.</p>
    <h2>Our Services</h2>
    <ul>
      <li>Web Design</li>
      <li>Graphic Design</li>
      <li>SEO Optimization</li>
    </ul>
    <h2>Contact Us</h2>
    <p>Email: info@example.com<br>Phone: 123-456-7890</p>
  </div>
  <footer>
    &copy; 2024 My Custom Website. All rights reserved.
  </footer>
</body>
```

</html>

- To save type Ctrl + O
- To exit type Ctrl + X
- `sudo systemctl start httpd`
- `sudo systemctl enable httpd`

Run IP Address in Web Browser