<!DOCTYPE html>

<html>

<title>Web Server and its Operation</title>

<head>

<body>

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<h1>web server and its operation</h1>

</header>

<main>

<section>

<h2>introduction</h2>

<p>A web server is a computer program or a device that delivers web pages and other content to clients over the internet. It servers as the foundation of the world wide web, enabling the distribution of websites and their resources to users.</p>

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<h2>how a web server operates</h2>

<p>1.Request and Response cycle. When a user requests a webpage, their web browser sends a request to the web server. The server processes the request and generates a response containing the requested webpage and resources. It then sends this response back to the user’s browser, which renders and displays the webpage.</p>

<p>2.Hosting and Serving Websites. A web server hosts websites by sorting the necessary files and resources and making them available to users upon request on specific port and responds accordingly.</p>

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<h2>Conclusion</h2>

<p>A web server plays a vital role in delivering websites and hand handling user requests. By understanding how it operates, you gain insights into the fundamental workings of the internet and the internet and the internet and the internet and the mechanics of websites delivery.</p>

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</main>

<footer >

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