# PHP MYSQL WEB DEVELOPMENT 5TH EDITION

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**Is PHP MySQL still relevant?** While PHP and MySQL are still used on 80% of websites today, several companies still require employees to be proficient in the language. Here are a few viable areas to consider when you enter the workforce. Web Developer: Those in this position primarily build different web pages with HTML, CSS, and JavaScript.

**What is PHP and MySQL web development?** PHP is the most popular scripting language for web development. It is free, open source and server-side (the code is executed on the server). MySQL is a Relational Database Management System (RDBMS) that uses Structured Query Language (SQL). It is also free and open source.

**Can I make website using PHP and MySQL?**

**What version of PHP can work with MySQL?** PHP Connect to MySQL. PHP 5 and later can work with a MySQL database using: MySQLi extension (the "i" stands for improved)

**Is PHP outdated in 2024?** Although many think it is an outdated technology, the reality is that PHP has evolved and continues to be a powerful and relevant tool in web development. Here I present five unique technical reasons why PHP continues to stand out in 2024, supporting each point with practical examples and concrete use cases.

**Will PHP become obsolete?** According to the latest metrics from W3Techs, in 2024, PHP still powers 76.5% of websites where the server-side programming

language can be discerned. And that's less than a 1% decrease over a year (77.3% as of 2023).

**Is PHP MySQL frontend or backend?** PHP distinctly fits backend web development. It plays a crucial role in data processing, handling form submissions, managing user sessions, interacting with databases, and dynamically generating HTML content. However, it's essential to understand how PHP interacts with front-end technologies.

**Should I learn PHP before MySQL?** You need to learn PHP first than MySQL. PHP is used for server side programming language to make websites. so you need to learn it and practice it first. After that you can learn MySQL which is used to create database for your project or website.

**Can PHP and MySQL be used together?** Yes, PHP and MySQL can be used together.

**Is PHP enough to create a website?** If you're creating a simple website with static content, then HTML is sufficient. However, PHP would be more appropriate if you're building a website that requires dynamic content, such as an e-commerce site or a social networking platform.

**Can I use MySQL for web development?** MySQL is a powerful and versatile database management system that is widely used in web development. Its reliability, scalability, and ease of use make it a popular choice for storing and managing data in dynamic websites and web applications.

**Can a website be built with only PHP?** 3 Answers. PHP is an HTML preprocessor, all it does is process things before sending users HTML; you certainly could make an entire website in PHP but the user won't see anything because you wouldn't be sending them any HTML to render a page. HTML is a markup language necessary for users to draw and view pages.

**What is the difference between PHP and PHP MySQL?** PHP is a fast and feature-rich open source scripting language used to develop Web Applications or Internet / Intranet Applications. MySQL is a powerful open source database server built based on a relational database management system (RDBMS) and is capable of handling a

large concurrent database connection.

**Can I make app using PHP and MySQL?** PHP and MySQL enable developing powerful dynamic web pages and applications. They are some of the most widely used technologies in the world right now for developing back-end applications. They allow you to create dynamic content on your webpage and bring it to life.

**How to run PHP with MySQL?** To connect the webpage to the database, create another file in the code editor named "config. php" and write the following code. Now that you have the registration page ready and connected to the database, open the browser for the output. Open the browser and type "localhost/demo/register.

**Is MySQL still being used?** These nine main Relational Databases applications use SQL as the programming language. In short, today, SQL is still being used for Relational Databases.

**Is PHP a dying language?** Conclusion. PHP remains a relevant and widely-used language in web development. Despite the mockery and debate on whether it's still valuable, PHP developers keep earning good livings from working with the language. So, PHP doesn't seem to be going anywhere anytime soon.

**What is the PHP equivalent of MySQL now ()?** The date and time function in PHP works similar to the now() function in MySQL. PHP date and time functions also throw E_WARNING and E_NOTICE to check the correct timezone or use system variables.

**Is PHP still used nowadays?** It's still a popular language, making up a significant percent of server-side languages used everywhere (though a lot of that is just because of WordPress).

**How to allow VLAN in spanning tree?** Issue the command: set spantree root vlan_id to set switch priority to 8192 for VLAN. By default, the priority of the switch is 32768. By changing the switch priority, we force this Switch 0 to become the root switch as Switch 0 has the lowest priority.

**What OSI layer is VLAN protocol?** VLANs are data link layer (OSI layer 2) constructs, analogous to Internet Protocol (IP) subnets, which are network layer (OSI layer 3) constructs. In an environment employing VLANs, a one-to-one relationship

often exists between VLANs and IP subnets, although it is possible to have multiple subnets on one VLAN.

**How do I configure VLAN settings?**

**How do I allow two VLANs to communicate?**

**Do I need Layer 3 for VLAN?** Layer 3 switches are most commonly used to support routing between VLANs, because different areas, intersections or types of data (video, image, and signals) need to be partitioned.

**Are VLAN switches Layer 2 or 3?** Layer 2 switches offer limited to no routing capabilities within network segments such as VLANs. Layer 3 switches offer routing between different network segments. Limited scalability. Higher scalability enabled by layer 3 switches' cross network segment routing capabilities.

**Why only 4096 VLANs?** Max no of vlan any switch can support is 2 to the power of 12, which is 4096. This limit comes from dot1q header which is used to tag l2 frame. Dot1q header reserves 12 bits for vlan. Out of 4096 vlans allowed: 1–1001 are standard , 1002–1005 are reserved and 1006–4095 are extended range vlans.

**How do I give access to my VLAN?**

**How do I allow VLAN on my firewall?**

**How to enable VLAN on Cisco switch?**

**How to configure spanning tree VLAN priority?**

**Stored Procedures vs. User-Defined Functions: Unlocking Database Efficiency**

**Q1: What are stored procedures?** A: Stored procedures are pre-compiled SQL statements that are stored in the database. They encapsulate a series of operations that can be invoked by calling the procedure's name, passing in parameters if necessary. Stored procedures enhance performance by reducing the need for repeated SQL execution and minimizing network traffic.

**Q2: What are the advantages of using stored procedures?** A: The main advantages of using stored procedures include:

- Improved performance by caching compiled code and reducing network roundtrips.
- Reusability, allowing multiple applications to access the same database functionality.
- Enforcement of business rules and complex calculations within the database.
- Reduced security risks by centralizing access to sensitive data.

**Q3: What are user-defined functions (UDFs)?** A: UDFs are custom functions that can be created and used within SQL statements. They allow users to extend the functionality of the database by defining their own calculations or operations. UDFs are typically written in a database-specific language like T-SQL or PL/SQL.

**Q4: What are the benefits of using UDFs?** A: UDFs offer several benefits, such as:

- Simplifying complex calculations or operations by encapsulating them in a reusable function.
- Improving readability of SQL queries by using clear and concise function names.
- Enforcing data validation and business logic within the database.
- Facilitating code sharing and collaboration among developers.

**Q5: When to use stored procedures vs. UDFs?** A: Stored procedures are generally used for complex operations that involve multiple SQL statements or that require parameter passing. UDFs are suitable for calculations or transformations that can be expressed using a single SQL statement. Ultimately, the choice between stored procedures and UDFs depends on the specific requirements of the application.

**What is the rate analysis of civil works?** What is rate analysis? Rate analysis in construction is the process of determining the rate per unit of items used at work, including the cost of materials, labour, transport, and equipment used to perform the work.

**How do you calculate rate analysis?** The labor and material units are multiplied by the relevant cost per unit to calculate the appropriate rates.

**What is an example of a rate analysis?** Rate analysis is carried out by multiplying the rate of items per unit and the number of units required in the construction. For example, calculation of the rate of the plastering work can be done by calculating the total surface area of the plastering and the amount required per unit of the plastering work.

**What percentage of construction costs is labor?** Generally, labor accounts for anywhere from 20-35% of total construction expenses, while materials account for 65-80%. However, if more skilled or specialized workers are needed, then the percentage of labor costs could rise as high as 40%.

**What grade of concrete is 1/2/4?**

**What is an example of a rate calculation?** In order to calculate the unit rate, we divide the denominator with the numerator in such a way that the denominator becomes 1. For example, if 260 miles are covered in 2 hours, the unit rate will be 260 miles/2 hours which is equal to 130 miles/hour.

**What is the purpose of rate analysis?** Purpose of Analysis of rates: 1. To work out the actual cost of per unit of the items 2. To work out the economical use of materials and processes in completing the particulars item.

**What are 3 examples of a rate?** Three examples of rates are speed, hourly pay, and price per pound for groceries. These are all rates because they measure a per b, where a and b are quantities with different types of units, such as miles and hours.

**What is a good example of an analysis?** An analysis is just the process of breaking something down and figuring out how it works. For example, examining the way a poem uses metaphor to evoke emotion in the reader would be a type of analysis.

**How to do rate analysis for excavation?** To calculate excavation costs, multiply the excavated zone's length, width, and depth to estimate its volume. To obtain the cost of excavation, multiply the total excavation volume by the price of the area per

unit.

**What are estimates of civil works?** They include the various quantities of the materials required, the equipment required, the complete dimensions of the building, the completion period for the project, any technical sanction that may apply, a construction schedule, labor costs and the total estimated cost of the construction work.

**What is construction cost analysis?** Construction cost analysis involves monitoring and evaluating project costs throughout the construction lifecycle. Multiple stakeholders can utilize a construction cost analysis, including owners, construction management companies, general contractors, and subcontractors.

**How are rates taken for analysis?** The analysis of rates is worked out for the unit payment of the particular item of work under two heads: Materials and Labour. The rate of various materials as per specifications for the items under consideration can be chalked out from market survey. The costs of materials are taken as delivered at site of work.

> *june 03 configuring vlans spanning tree and link*, *stored procedures and user defined functions*, *pwd civil works rate analysis*

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