

Assignment No. 12

Ques-1 What is CMS? Why we use it?

Ans - CMS stands for "Content Management System". A CMS is a software tool that allows you to decide, create, edit and publish content.

While early CMS software was used to manage documents and local computer files, most CMS systems are now designed exclusively to manage content on the Web.

Ques-2 Write the features of CMS and its advantages and disadvantages.

Ans -

Features -

- Simplicity - It is simple to use and manage.
- Easy - It is easy to understand.
- User Management - It allows managing the user information such as changing the role of the users (to subscriber, contributor, author, editor or admin.).

create or delete the user, change the password and user information.

- Media Management - It is the tool for managing the media files and folder, in which you can easily upload, organize and manage the media files on your website.

Advantages -

- It is simple to use and manage.
- It is an open source platform and available for free.
- CSS files can be modified according to the design as per users need.
- Media files can be uploaded easily and quickly.
- It offers several SEO tools which makes on-site SEO simple.
- Customization is simple according to the user's needs.
- It allows creating different roles for users for website such as admin, author, editor and contributor.

Disadvantages -

- No user defined logic can be included in page.
- Using several plugins can make the website heavy to load and run.
- PHP knowledge is required to make modifications or changes in the WordPress website.
- Modifying and formatting the graphic images and tables is difficult.

Que-3 Who released wordpress and when?

Ans - Wordpress was initially released on 27th May, 2003 by Matt Mullenweg and Mike Little.

Que-4 Write the name of any three web based CMS tools?

Ans -

1. Wordpress
2. Blogger
3. Wix

Ques-5 Explain the Wordpress?

Ans- Wordpress is an open source Content Management System (CMS), which allows the users to build dynamic websites and blogs. Wordpress is the most popular blogging system on the web and allows updating, customizing and managing the website - from its back-end CMS and components.

Wordpress is a free content management system, used to build and maintain websites. Its ease of use and unique blogging features have helped it become the most popular blogging tool on the web.

Assignment No. 13

Ques-1 What is MySQL? Write its features?

Ans - SQL or Structured Query language is used to perform operation on the data stored in a database. SQL depends on relational algebra and tuple relational calculus.

- * Main features - of MySQL :-
- MySQL server design is multi-layered with independent modules.
- MySQL is fully multithreaded by using kernel threads. It can use simple multiple CPUs if they are available.
- MySQL provides transactional and non-transactional storage engines.
- MySQL has a high-speed thread-based memory allocation system.
- MySQL supports in-memory heap table.

Ques-2 What is table? How table will be created in MySQL?

Ans - A table is the simplest example of data storage in RDBMS. The RDBMS uses tables to store data. A table is a

collection of related data entries and contain rows and columns to store data.

Creating Table -

A database table has its own unique name and consists of columns and rows. At the time of creating table, table name, column names and data types of columns are specified.

Ques-3 Write MySQL various command categories?

Ans - SQL commands are divided into four categories (subgroups) - DDL, DML, DCL and TCL.

(i) DDL is short name of Data Definition Language, which deals with database schemas and descriptions, of how the data should reside in the database.

- CREATE
- ALTER
- DROP
- TRUNCATE
- COMMENT

- RENAME

(ii) DML is short name of Data Manipulation Language which deals with great data manipulation and includes most common SQL statements such SELECT, INSERT, UPDATE, DELETE etc, and it is used to store, modify, retrieve, delete and update data in a database.

(iii) DCL is short name of Data Control Language which includes commands such as GRANT and mostly concerned with rights, permissions and other controls of the database system.

(iv) TCL is short name of Transaction Control Language which deals with a transaction within a database.

- COMMIT
- ROLLBACK
- SAVEPOINT
- SET TRANSACTION

Ques-4 What are field, row and record?

Ans -

Field -

Field is a smaller entity of the table which contains specific information about every record in the table.

Row or Record -

A row of a table is also called record. It contains the specific information of each individual entry in the table. It is a horizontal entity in the table.