

What is RDBMS

RDBMS stands for Relational Database Management System.

Database of rdbms :-

Mysql,oracl,postgree,sqlite

What is SQL

SQL- Structure Query Language

use language in database

no SQL

Json (java script object notation)

MongoDB

Write SQL Commands

View : -

View is a virtual table

Original table and virtual table both are connected with each other

QUERY: -

Create database database name

Drop database database name

Create table table name

Drop table table name

Create view view name

For particular things delete from table

-delete from table name where price = 4

-select \* from table name

When \* is all column

-select \* from table name where pid=6

Particular column

-update tablename set pname="TV", price="5000" where pid=3;

Update and delete only one time at a one query.

Insert into tablename(empname ,emdesignation,  
empaddress)VALUE("drumil","xyz","ahmd");

Select customer.cname,customer.caddress,  
orders.pname,orders.custid from customer

INNER JOIN orders ON customer.cid=orders.custid

What is join?

Join :- Merge two tables.

-min 2 tables

-1 column both tables common

Customer-customer details store

cid,cname,cmobile,caddress.

Order-order details store

Orderid,ordername,order date.

when main table's primary key add in next able that it  
convert in foraign key.

Write type of joins.

1.inner join

2.left join

3.right join

4.full join

1.inner join:-

Both table's common data.

2.left join:-

Left side data

3.right join:-

Right side data

4.full join: -

My sql does not supported

difference between rdbms vs dbms.

RDBMS (Relational Database Management System):

A type of DBMS that uses the relational model, organizing data into tables with rows and columns.

Data is stored in tables, with relationships between tables defined by keys (primary and foreign).

Query Language is Typically uses SQL (Structured Query Language) for data manipulation.

for Example- MySQL, PostgreSQL, Oracle, SQL Server.

DBMS (Database Management System):

A system for managing databases, allowing users to create, retrieve, update, and delete data.

Data Storage Can store data in various formats, including hierarchical, network, and even file-based systems.

Query Language Can use different query languages depending on the specific DBMS.

for Example- File systems, XML databases, and systems like Windows Registry.

What is API Testing

API :- applicaion programming interface.

api

Web ----->

<----- server

Advantage:-

- 1.api is language independent
- 2.use functionality code not access

Types of API Testing

There are two types of api

- 1.rest api
- 2.soap api

\*rest api:-

- representational state transfer
- free rules regulation by backend developer
- low net speed to open website
- not secure
- Json,xml,html,text

\*soap api:-

-rules regulation follow compulsory

-secure high

-high net seed to open website

-xml

\*link api given by backend developer And data use frontend developer .

Json:-java script object notation

<id> </id>

Xml -> xstensible markup language

Api method (query):-

Get ->select data put

Post ->insert

Put ->update all columns

Delete ->delete

Patch ->update particular columns

What is Responsive Testing?

Responsive testing is a type of software testing that verifies whether a website or web application displays and functions correctly across a wide range of devices, screen sizes, resolutions, and orientations.

The goal is to ensure a consistent and optimized user experience regardless of the device being used, such as desktops, laptops, tablets, or smartphones.

Which types of tools are available for Responsive Testing

Responsive testing tools can be broadly categorized into emulators/simulators, cross-browser testing platforms, and visual testing tools.

These tools help developers ensure a website or web application displays correctly across various devices and screen sizes.

What is the full form of .ipa, .apk

.ipa stands for iOS App Store Package

.apk stands for Android Application Package.