1. What is RDBMS?

**RDBMS** stands for **Relational Database Management System.**

Data is organized into tables

**Ex. Mysql, oracle, postgrey, sqlite**

1. What is SQL?

SQL stands for Structured Query Language, It allows users to **create, read**, **update**, and **delete** data

Perform tasks-

Create database(database name) , drop database(database name)

Create table(table name) , drop table(table name)

Data insert, data delete , data update, data fetch

1. Write SQL commands

Create database(database name) , drop database(database name)

Create table(table name) , drop table(table name)

Data insert, data delete , data update, data fetch

* What is join?
* Join means merging two different tables
* There should be two tables for the join and one column of both tables should be the same
* For ex, we have 2 tables
* 1) customer- cid, cname, caddress, cmobilenumber
* 2) orders- oid, productname, date, custid reference customer(cid)/
* Foreign key

There is cid and custid is same column

* Write type of joins.

4 types of join

* 1) inner join
* 2) left join
* 3) right join
* 4) full join- mysql not supported

Inner join query

* Select customer.cname,customer.caddress,orders.oid,orders.custid
* From customer
* Inner join orders on customer.cid=orders.custid

Left join query

Select customer.cname,customer.caddress,orders.oid,orders.custid

* From customer
* Left join orders on customer.cid=orders.custid

Right join query

* Select customer.cname,customer.caddress,orders.oid,orders.custid
* From customer
* Right join orders on customer.cid=orders.custid
* What is API testing?

API – Application Programming Interface

API sends the website's request to the server and the server's response to the website

Features-

1. API is language independent -this means an API can be used by applications written in different programming languages
2. Functionality use- never access code for ex, we can use map in the Uber application but the map code cannot be accessed.

* Types of API Testing

There are 2 types of api testing

1. Rest api- no protocol follow

Low bandwidth call

Less secure

For ex, Jason, xml, html

1. Soap api- protocol follow

High bandwidth

High secure

For ex, only support xml

* What is Responsive Testing?

Responsive testing ensures a website or application functions and displays correctly across various devices, screen sizes, and resolutions, providing a seamless user experience.

The resolution of Flipkart website should be set in every device like mobile, laptop, TV all screens should not be cut

* What is the full form of .ipa, .apk

.ipa- iOS App Store Package.

Apk- Android Package Kit