**What Is RDBMS**

RDBMS means Relational Database Management System

* A Relational database management system (RDBMS) is a database management system (DBMS) that is based on the relational model as introduced by E. F. Codd.
* RDBMS is the basis for SQL, and for all modern database systems like MS SQL Server, IBM DB2, Oracle, MySQL, and Microsoft Access.

**What is SQL**

SQL means Structured Query Language

* SQL is Structured Query Language, which is a computer language for storing, manipulating and retrieving data stored in relational database.
* SQL is the standard language for Relation Database System.
* All relational database management systems like MySQL, MS Access, Oracle, Sybase, Informix, postgres and SQL Server use SQL as standard database language.

**Write SQL Commands**

SQL Commands

1. DDL – Data Definition Language
2. DML – Data Manipulation Language
3. DCL – Data Control Language
4. DQL – Data Query Language

**What is join?**

* The SQL JOIN is a command clause that combines records from two or more tables in a database.
* It is a means of combining data in fields from two tables by using values common to each table.

**Write Type of Joins.**

SQL Join Types

1. **INNER JOIN**: Returns rows when there is a match in both tables.
2. **LEFT JOIN**: Returns all rows from the left table, even if there are no matches in the right table.
3. **RIGHT JOIN**: Returns all rows from the right table, even if there are no matches in the left table.
4. **FULL JOIN**: Returns rows when there is a match in one of the tables.

**How Many constraint and describes it self**

There are six types of SQL constraints:

1. Not Null constraint
2. Unique constraint
3. Default constraint
4. Check constraint
5. Primary Key constraint
6. Foreign constraint

**Difference between RDBMS vs DBMS**

|  |  |  |
| --- | --- | --- |
| No. | RDBMS | DBMS |
| 1 | Relational Database Management System allows access to multiple users to the databases. | Database Management System can only support a single user. |
| 2 | RBMS allows users to store a large set of data. | DBMS cannot store large quantities of data. |
| 3 | The process of Data Fetching is faster, and efficient in RDBMS because of its relational model. | The process of data fetching in DBMS is slow. |
| 4 | In RDBMS, hardware and software requirements are higher than the classic DBMS. | DBMS needs minimum software and hardware requirements. |
| 5 | In RDBMS, you can access multiple data at a single time. | In DBMS, you can access only a single file from a single database. |

**What is API Testing**

* Application Programming Interface (API) is a software interface that allows two applications to interact with each other without any user intervention.
* another definition , API (Application Programming Interface) is a computing interface which enables communication and data exchange between two separate software systems.

**Types of API Testing**

There are mainly 3 types of API Testing

1. **Open APIs:** These types of APIs are publicly available to use like OAuth APIs from Google. It has also not given any restriction to use them. So, they are also known as Public APIs.
2. **Partner APIs:**  Specific rights or licenses to access this type of API because they are not available to the public.
3. **Internal APIs:** Internal or private. These APIs are developed by companies to use in their internal systems. It helps you to enhance the productivity of your teams.

**What is Responsive Testing?**

* A responsive web design involves creating a flexible web page that is accessible from any device, starting from a mobile phone to a tablet.
* A responsive web design improves users’ browsing experience.
* Considering this from a quality assurance perspective, a responsive web design requires thorough evaluation using a variety of devices before it is ready to go live.
* Software testers may find it challenging to perform responsive design testing as a variety of factors are to be looked into during the testing phase.

**Which types of tools are available for Responsive Testing**

Responsive Testing Tools

1. LT Browser
2. Lembda Testing
3. Google Resizer
4. I am responsive
5. Pixel tuner

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

* IPA : iOS package App Store
* APK : Android Package Kit file

**How to create step for to open the developer option mode ON?**

Follow Below Steps :

1. Setting ->
2. Additional Setting ->
3. Developer Options ->
4. Turn on