**Assignment No. 3**

**Question:** What is RDBMS?

**Answer:** RDBMS stands for Relational Database Management System. RDBMS is the basis for SQL, and for all modern database systems like MS SQL Server, IBM DB2, Oracle, MySQL, and Microsoft Access.

**Question:** What is SQL?

**Answer:** SQL is Structured Query Language, which is a computer language for storing, manipulating and retrieving data stored in relational database.

**Question:** Write SQL Commands.

**Answer:** DDL – Data Definition Language

DML – Data Manipulation Language

DCL – Data Control Language

DQL – Data Query Language

**Question:** What is join?

**Answer**: It is used to combine and get the data from different tables.

**Question:** Write type of joins.

**Answer**: INNER JOIN: returns rows when there is a match in both tables.

LEFT JOIN: returns all rows from the left table, even if there are no matches in the right table.

RIGHT JOIN: returns all rows from the right table, even if there are no matches in the left table.

FULL JOIN: returns rows when there is a match in one of the tables.

**Question**: Difference between RDBMS vs DBMS

**Answer**:

|  |  |  |
| --- | --- | --- |
| No. | RDBMS | DBMS |
| 1 | Data stored is in the table format. | Data stored is in the file format. |
| 2 | Normalisation is not achievable | There is normalisation |
| 3 | Support distributed database | No support distributed database |
| 4 | Data is stored in a large amount | Data is stored in a small quantity |

**Question**: What is API Testing?

**Answer**: Application Programming Interface (API) is a software interface that allows two applications to interact with each other without any user intervention

**Question**: Types of API Testing?

**Answer** 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.

Partner APIs: Specific rights or licenses to access this type of API because they are not available to the public.

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.

**Question**: What is Responsive Testing?

**Answer:** A responsive web design involves creating a flexible web page that is accessible from any device, starting from a mobile phone to a tablet.

**Question**: Which types of tools are available for Responsive Testing?

**Answer:**

* LT Browser
* Lambda Testing
* Google Resizer
* I am responsive
* Pixel tuner

**Question**: What is the full form of .ipa, .apk?

**Answer:** IPA – iOS App store package

APK – Android Application Package