**Module 3: assignment**

1. What is RDBMS?

RDBMS stands for **R**elational **D**atabase **M**anagement **S**ystem. RDBMS

is the basis for SQL, and for all modern database systems like MS SQL

Server, IBM DB2, Oracle, MySQL, and Microsoft Access.

1. What is SQL?

SQL is Structured Query Language, which is a computer language for

storing, manipulating and retrieving data stored in relational database.

1. Write SQL Commands.

**DDL** – Data Definition Language

**DML** – Data Manipulation Language

**DCL** – Data Control Language

**DQL** – Data Query Language

1. Write type of joins.

**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.

1. What is join?

A join is an SQL operation performed to establish a connection between two or more database tables based on matching columns.

1. Difference between RDBMS vs DBMS

|  |  |
| --- | --- |
| RDBMS | DBMS |
| RDBMS stand for relational database management system | DBMS stand for database management  system |
| RDBMS stores data in the form of table. | DBMS technology store data in the form of file. |
| RDBMS is designed to deal with vast amount of data. | DBMS is designed to deal with handle small amount of data. |
| RDBMS provides support for multiple users at a time. | DBMS provides support only for single user at a time. |

1. What is API Testing?

API (Application Programming Interface)is a computing

interface which enables communication and data exchange between two

separate software systems.

1. Types of API Testing.

**There are mainly 3 types of API Testing**

* **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.

1. 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.

1. Which types of tools are available for Responsive Testing?

LT Browser

Lambda Testing

Google Resizer

I am responsive

Pixel tuner

1. How to create step for to open the developer option mode ON?
2. Go to "Settings"

2 Tap "About device" or "About phone"

3 Tap “Software information”

4 The "Developer options" menu will now appear in your Settings menu.

5 USB dubbing

1. allow USB budding mode on
2. How Many constraint and describes it self

* A primary key constraint is a column or combination of columns that has the same properties as a unique constraint. You can use a primary key and foreign key constraints to define relationships between tables.
* A foreign key constraint is a logical rule about values in one or more columns in one or more tables.
* A unique constraint (also referred to as a unique key constraint) is a rule that forbids duplicate values in one or more columns within a table.
* A NOT NULL constraint is a rule that prevents null values from being entered into one or more columns within a table.

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

**ipa:**iOS APP Store Package  
**apk:**Android Application Package file