***Assignment : Module 3***

1. **What is RDBMS?**

**Ans :** RDBMS full name is Relational Data base management system**.** RDBMS is a programme used to maintain a relational database. RDBMS is the basis for all modern database systems such as mysql. Microsoft SQL server, oracle, and Microsoft access. RDBMS uses SQL quires to access the data in data base.

1. **Whay is SQL?**

**Ans :** SQL full name is structured query language. SQL is programing language for storing and processing information in a relational database. A relational database stores information in tabular form, with rows and columns representing different data attributes and the various relationship between the data values.

**Types of SQL**

* DDL (Data definition language)
* DML (Data manipulation language)
* DCL ( Data control language)
* DQL ( Data query language)

1. **How many constaint and describe it self.**

**Ans :** There are 4 contraint.

* **PRIMARY KEY :** Primary key is the columns that contain values that uniquely identify each row in a table.
* **UNIQUE KEY :** A unique key is a set of one or more than one fields/colunms that uniquely identify a record in a database table.
* **NOT NULL KEY :** This key used to ensure that a given column of a table is never assigned the null value.
* **FOREIGN KEY :** A foreign key is a column or combination of columns that used to establish and enforce a link between the data in two tables to control the data that can be stored in the foreign key table.

1. **What is join? Write types of join?**

**Ans :** Join in SQL are used to combine two or more tables based on the common column. As a result we can get the combine result on the tables. **Types of joins are** : inner join , left join , right join , and full join.

Among this the most common join is inner join.

1. **Difference between RDBMS and DBMS?**

**Ans :**

|  |  |
| --- | --- |
| [DBMS](https://www.geeksforgeeks.org/introduction-of-dbms-database-management-system-set-1/) stores data as file. | [RDBMS](https://www.geeksforgeeks.org/rdbms-architecture/) stores data in tabular form. |
| Data elements need to access individually. | Multiple data elements can be accessed at the same time. |
| No relationship between data. | Data is stored in the form of tables which are related to each other. |
| Normalization is not present. | Normalization is present. |
| DBMS does not support distributed database. | RDBMS supports distributed database. |

1. **What is API testing?**

**Ans :** APItesting is a type of software testing that involves testing application programming interface directly and as part of intergration testing to determine if they meet expectations for functionality, reliability, performance, and security.

1. **Types of API testing?**

**Ans :** There are 3 types of API testing

* Open API
* Partner API
* Internal API

1. **What is responsive testing?**

**Ans :** Responsive testing involves how a website or web application looks and behave on different devices, screen sizes and resolutions

1. **Which type of tools are available for responsive testing?**

**Ans**: There are 4 types of tools are available.

* Browser stack
* Selenium
* Cross browser testing
* Lambda testing

1. **What is full form of ipa and apk?**

**Ans : IPA :** Ios APP store package**. APK** : Android application Package

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

**Ans : 1** on your device, find the build number option. The following table shows the setting location of the build number on various devices.

**2** Tap the build number option seven times until you see the message that, you are now developer.

**3** Return to the previous screen to find developer options at the bottom.

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