

--SQL - Structured Query language

--PL/SQL - Programming Language SQL

--different versions RDBMS

--1.SQL server - Microsoft

--2.SQL developer - Oracle

--3.Tera data - Teradata

--4.DB2 - IBM

--5.MangoDB - Open Source

--6.MySQL - open source etc

--Q.What is data?

--Collection of meaningful information.

--OR

--Collection record information.

--Q. What is database(DBMS)?

--it is collection of data in file format.

--ex:Excel,word file,text file, notepad , notepad++ etc.

--it stores less amount of data

--no relationship between two files or tables

--Q.What is RDBMS(Relational data base management system)?

--it is collection of table related information.

--it stores huge amount of data and to extract the data we have a simple language i.e. SQL

--There is relation between two or more tables.

--Q.what is table ?

--it is collection of rows and columns.

--There are two types of databases

--1.System defined database

--2.User defined database

--SQL is not a case sensitive language

--The meaning 'A' is always same 'a'

--for ex: 'AMAR' it has same meaning of 'amar'

--Q.How to create the Database testing18?

Create database Testing20

--Q.how to execute SQL statements?

--1.By using Execute tab from top

--2.By pressing F5 key from key board

--Q.How to navigate to Testing18 database?

use testing20

--In SQL

--Blue color indicates system defined keywords

--for ex

create, use, insert etc

--Pink color indicates system defined functions

--for ex

sum,min,max etc

--SQL statements

--There are four types of SQL statements

--1.DDL(Data Defination language) -- Table level operation.

--2.DML(Data Manipulation Language) --Data stored inside the table

--3.DCL(Data Control Language)

--4.TCL(Transction Control Language)