 ASSIGNMENT

WORKSHEET 1 SQL

# Q1 and Q2 have one or more correct answer. Choose all the correct option to answer your question.

1. Which of the following is/are DDL commands in SQL?
   1. Create B) Update

C) Delete D) ALTER

1. Which of the following is/are DML commands in SQL?
   1. Update B) Delete

C) Select D) Drop

# Q3 to Q10 have only one correct answer. Choose the correct option to answer your question.

1. Full form of SQL is:
   1. Strut querying language B) Structured Query Language

C) Simple Query Language D) None of them

1. Full form of DDL is:
   1. Descriptive Designed Language B) Data Definition Language

C) Data Descriptive Language D) None of the above.

1. DML is:
   1. Data Manipulation Language B) Data Management Language

C) Data Modeling Language D) None of these

1. Which of the following statements can be used to create a table with column B int type and C float type?
   1. Table A (B int, C float) B) Create A (b int, C float)

C) Create Table A (B int,C float) D) All of them

1. Which of the following statements can be used to add a column D (float type) to the table A created above?
   1. Table A ( D float) B) Alter Table A ADD COLUMN D float

C) Table A( B int, C float, D float) D) None of them

1. Which of the following statements can be used to drop the column added in the above question?
   1. Table A Drop D B) Alter Table A Drop Column D

C) Delete D from A D) None of them

1. Which of the following statements can be used to change the data type (from float to int ) of the column D of table A created in above questions?
   1. Table A (D float int) B) Alter Table A Modify Column D int

C) Alter Table A D float int D) Alter table A Column D float to int

1. Suppose we want to make Column B of Table A as primary key of the table. By which of the following statements we can do it?
   1. Alter Table A Add Constraint Primary Key B B) Alter table (B primary key)

C) Alter Table A Add Primary key B D) None of them

# Q11 to Q15 are subjective answer type questions, Answer them briefly.

1. What is data-warehouse?

Answer: An insight engine for customers to store, search, and analyze large volumes of data.

1. What is the difference between OLTP VS OLAP?

Answer: Within the data science field, there are two types of data processing systems: online analytical processing (OLAP) and online transaction processing (OLTP). The main difference is that one uses data to gain valuable insights, while the other is purely operational

1. What are the various characteristics of data-warehouse?

Answer: The four characteristics of a data warehouse, also called features of a data warehouse, include

SUBJECT ORIENTED, TIME VARIANT, INTEGRATED and NON-VOLATILE

1. What is Star-Schema??

Answer: A star schema is a database organizational structure optimized for use in a data warehouse or business intelligence that uses a single large fact table to store transactional or measured data, and one or more smaller dimensional tables that store attributes about the data.

1. What do you mean by SETL?

Answer: SETL (SET Language) is a very high-level programming language based on the mathematical theory of sets