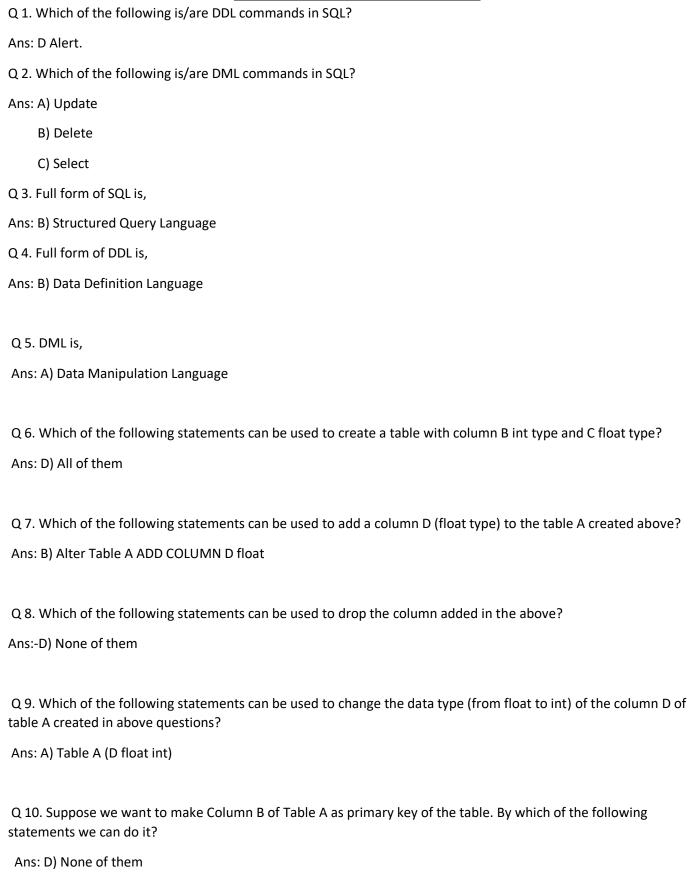
# Worksheet 1 SQL



#### Q 11. What is data-warehouse?

Ans: Data warehouse serve as a central repository for storing and analyzing information to make better informed decision. An organization's data warehouse receives data from a variety of source, typically on a regular basis, including transactional systems, relational databases.

### Q 12. What is the difference between OLTP VS OLAP?

Ans: OLTP AND OLAP, the two terms look similar but refer to different kind of systems. Online transaction processing (OLTP) captures, stores, and processes data from transaction in real time. Online analytical processing (OLAP)uses complex queries to analyze aggregated historical data from OLTP system.

## Q 13. What are the various characteristics of data-warehouse?

Ans: These may include a cloud, relational databases, flat files, structured and semi structured data, meta data, and master data.

# Q 14. What is Star-Schema??

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

# Q 15. What do you mean by SETL?

Ans: SET Language is a very high-level programming language based on the mathematical theory of sets.