

به نام خدا

منابع پیشنهادی

<https://www.w3schools.com/sql/default.asp>

<https://www.tutorialspoint.com/sql/sql-except-clause.htm>

Some Useful SQL References:

https://www.w3schools.com/sql/sql_ref_keywords.asp (Key Words)

https://www.w3schools.com/sql/sql_ref_sqlserver.asp (SQL Server Functions)

https://www.w3schools.com/sql/sql_quickref.asp (Quick Reference)

https://www.w3schools.com/sql/sql_datatypes.asp (Data Types)

سرفصل مطالب

- 1.Database manipulation: CREATE DATABASE, DROP DATABASE, (The SQL Backup database statement)
- 2.Table manipulation: CREATE TABLE, DROP TABLE, ALTER TABLE, (Create table using another table, SQL truncate table)
- 3.Comments (one line, multiple line)
- 4.SQL Server data types, (SQL date data type)
- 5.NOT NULL, PRIMERY KEY, FOREIGN KEY, DEFAULT, CHECK, UNIQUE
- 6.Constraint manipulation: ADD CONSTRAINT, DROP CONSTRAINT (With table creation|After table creation)
 - 6.1.Index statement
 - 6.2.View statement
 - 6.3.SQL Injection
- 7.IDENTITY() function
- 8.INSERT, DELETE, UPDATE
- 9.SELECT clause, (The SQL SELECT INTO statement, The SQL INSERT INTO SELECT statement)
- 10.DISTINCT key word
- 11.ORDER BY key word (ASC|DESC)
- 12.WHERE clause
- 13.AS key word
- 14.AND, OR, & NOT logical operators
- 15.LIKE operator (-, %, regex)
- 16.(NOT) IN, & (NOT) BETWEEN operators
- 17.Nested SELECT

18.Cross JOIN (AxA)

19.SQL Joins:

- a. (INNER) JOIN,
- b. FULL (OUTER) JOIN,
- c. LEFT (OUTER) JOIN,
- d. RIGHT (OUTER) JOIN

d.1. Self join

20.UNION, UNION ALL

21.TOP key word (percent)

22.Aggressive Functions:

- a. SUM,
- b. MAX,
- c. MIN,
- d. AVG,
- e. COUNT

23.GROUP BY key word

24.HAVING clause

25. پیاده سازی تقسیم.

26.EXISTS key word

27.ANY, & ALL key words

28.ISNULL() function

28.1.CASE statement

29.Stored Procedure

30.Trigger

31.How to use SQL Server in my project?