**1.POSTGRESQL**-(09/06/2021 - 11/06/2021)

**SQL Basics**

* CREATE, INSERT, SELECT statement.
* WHERE conditions, using logical operators like AND, OR, and NOT
* LIKE, NOT LIKE, IN, and BETWEEN operators
* INNER JOIN, LEFT JOIN, RIGHT JOIN, and FULL OUTER JOIN
* GROUP BY, ORDER BY values.
* SQL set operations: UNION, INTERSECT, and EXCEPT

**Standard SQL Functions**

* SQL text functions
* SQL numeric functions
* SQL date and time functions

**INSERT, UPDATE, and DELETE in SQL**

* SQL UPDATE, INSERT, and DELETE commands.
* NULL and NOT NULL.
* JOINs.
* DEFAULT values of columns.

**REFERNCES:**

[1.https://use-the-index-luke.com/](#_top)

[2.https://www.sqlservertutorial.net/](#_top)

[3.https://sqlbolt.com/](#_top)

[4.https://leetcode.com/](#_top)

**2.Practiced queries in POSTGRESQL exercises from online** -(08/07/2021 - 12/07/2021)

* Practiced the queries with the given data model

[https://openclassrooms.com/en/courses/2071486-retrieve-data-using-sql/6802756-get-some-practice-executing-advanced-sql-queries](#_top)

* Practiced SQL queries

[https://www.w3schools.com/sql/exercise.asp?filename=exercise\_database7](#_top)

**3.Practicing queries in POSTGRESQL with Use case documents**-(14/07/2021 - 26/7/2021)

Created DDL, DML for the following exercises and practiced the use cases.

* Banking system
* Boats & sailors
* Hotel management system
* Student management system