A picture containing graphical user interface

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[**Lab 3A - Annotation, Summary, and Preparing to Use a Source**](https://blackboard.nec.edu/webapps/assignment/uploadAssignment?content_id=_1755895_1&course_id=_61413_1&group_id=&mode=view)

**Topic: Oracle SQL**

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**New England College**

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**Summary:**

This study information helps me gather the details of Oracle SQL and databases. In this IT World, database environments are growing rapidly compared to the current environments and data models.

Oracle SQL (Structured query language) is a set of statements that helps access data from the databases. SQL is beneficial to all types of users including application programmers and database administrators. SQL mainly provides an interface to a relational database.

This study helped me also in understanding the schema objects. Basically, schema objects are logical containers for data structures. Tables and Indexes will fall under schema objects. We can manipulate schema data objects with SQL.

“Oracle Database runs in either a single-instance configuration or an Oracle Real Application Clusters (Oracle RAC) configuration. These configurations are mutually exclusive.” These studies are completely on Oracle databases, and there are two languages that help to store the data in Oracle databases. PL/SQL and Java are the two languages that help to store the data in Oracle databases.

“Oracle SQL Developer allows you to administer Oracle Rest Data Services and for creating and altering your RESTful services.”

Below are some important Oracle database features:

Oracle databases are cross-platform databases

Logical data structures

Partitioning

Memory caching

Backup and recovery

***References***

Michelle Malcher. (2011). Oracle Database Administration for Microsoft SQL Server DBAs. McGraw Hill.

Gavin JT Powell and Carol McCullough-Dieter (2005) Oracle SQL : Jumpstart with Examples. Amsterdam: Digital Press. Available at: https://discovery-ebsco-com.nec.gmilcs.org/linkprocessor/plink?id=976ab17e-243f-3eec-a852-df48d9221e3e (Accessed: 22 July 2022).

Narayanan, A. (2016) Oracle SQL Developer. Birmingham, UK: Packt Publishing. Available at: https://discovery-ebsco-com.nec.gmilcs.org/linkprocessor/plink?id=cb5d4b4f-924f-3425-bfbd-e2fab364bd54 (Accessed: 22 July 2022).