

Database Systems Labsheet-2

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Part-A: Oracle User, Schema, Tablespace and Data files

Schema: is a collection of database objects (like- table, views, index, triggers, functions, stored procedures etc.).

A schema is owned by a database user, and has the same name as that user.

Database: is the main container, it contains the data and log files, and all the schemas within it.

Schemas are like folders within a database, and are mainly used to group logical objects together.

Tablespaces: A database is divided into one or more logical storage units called *tablespaces*.

Tablespaces specify only the database storage locations, not the logical database structure, or database schema.

Data file:

Each data file is associated with only one tablespace.

Some tablespace can have its files in different drives. But one file will be stored in only one drive.

Part-B:

1. Creating own **Oracle schema/user and granting permissions.**

Part-C: In their own schema ask students to do the following.

1. Create table

2. Insert following some records in to student table.

3. Now write simple SQL queries for the following data retrieval requirements.
