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**Course: System Administration**

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**Class: Lab 2 Exercise 1**

**Ten Most Important Functions within MySQLdb Library**

1. **connect (parameters…)**

Constructor for creating a connection to the database. Returns a Connection Object.

1. **execute**

Executes the given database operation (query or command).

1. **cursor**

Creates a cursor object that is capable of executing SQL queries on the database.

1. **fetchall**

Fetches all (or all remaining) rows of a query result set and returns a list of tuples. If no more rows are available, it returns an empty list.

1. **commit**

Commits the current transaction for the specified database connection.

1. **rowcount**

Returns the number of rows returned for SELECT statements, or the number of rows affected by DML statements such as INSERT or UPDATE.

1. **rollback**

If the database and tables support transactions, this rolls back (cancels) the current transaction.

1. **callproc(procname, args)**

Calls stored procedure *procname* with the sequence of arguments in *args*. Returns the original arguments.

1. **close**

Closes the cursor.

1. **info**

Returns some information about the last query