

SETTING UP MYSQL DATABASE AND CONNECTING WITH JAVA

Steps to connect Java and MySQL table:

- 1) Create a database in MYSQL.
- 2) Grant all privileges to the user by providing a password.
- 3) Import the packages: Requires that you include the packages containing the JDBC classes needed for database programming. Most often using `import java.sql.*` will suffice.
- 4) Register the JDBC driver:- Requires that you initialize a driver so you can open a communication channel with the database.
- 5) Open a connection: Requires using the `DriverManager.getConnection()` method to create a `Connection` object, which represents a physical connection with the database.
- 6) Execute a Query: Requires using an object of type `Statement` for building and submitting an SQL statement to the database.
- 7) Extract data from `ResultSet`: Requires that you use the appropriate `ResultSet.getXXX()` method to retrieve the data from the `ResultSet`

Importing MySQL Connector to the Project :

- 1) Click project properties
- 2) Click on libraries and then ADD Library
- 3) Click on import, then you may many JARS available
- 4) Select the MYSQL JDBC driver and import it.