**Database Connectivity steps**

start wampserver – mysql console

username – root

password –

* create database college;
* use college;
* create table student(

stud\_no integer primary key,

stud\_name varchar(20),

);

* insert into student values (1, 'Mahesh Verma');
* insert into student values(2, 'Nilesh Jain');
* insert into student values(3, 'Rita Verma');
* **mysql jdbc connector – download jar file**

add dependency. In project – jar file (connector)

1. In **your project** go to **Dependencies folder** ==> **Add Dependency**

**2.** You'd like name **Artifact Id** as **my\_lib**

**3.** You'd like name **Group Id** as **my\_lib**

**4.** You'll probably name **Version** as **1**

**5. leave remained empty**

**6. Press Add**

Then new thing should appear in Dependencies folder

**7. Right click on that that**

**8. Manually install artifact**

**9.** Click on **Browse to look for JAR file**

**10.** Click on **Install locally**

**Fundamental Steps involved in the process of connecting to database:**

1. import JDBC packages
2. load and register JDBC driver
3. open a connection to database
4. create statement object to perform a query
5. execute the statement object and return a query resultset