JDBC is API where API is collection of Classes and interfaces.

Hibernate is collection of framework, where frame work is collection of API.

JDBC:-

Down load mysql-connect-java jar file and paste in Lib folder.

In JDBC first we need to create table in database column wise. After we have multiple operation

Like insert into table, delete in to table.

Class.*forName*("com.mysql.jdbc.Driver");

Connection conn=DriverManager.*getConnection*("jdbc:mysql://localhost:3306/mydb","root","root");

PreparedStatement pst=conn.prepareStatement("insert into employee(name,pass,email,city) values(?,?,?,?)");

pst.setString(1, name);

pst.setString(2, pass);

pst.setString(3, email);

pst.setString(4, city);

pst.executeUpdate();

ResultSet rs=pst.executeQuery();

HttpSession session=request.getSession();

session.setAttribute("myname", name);

response.sendRedirect("registersuccess.jsp");

1. CallableStatement stmt=con.prepareCall("{call insertR(?,?)}");   is used to call **stored procedures and functions**. Which create in Database readymade.
2. create or replace procedure "INSERTR"
3. (id IN NUMBER,
4. name IN VARCHAR2)
5. is
6. begin
7. insert into user420 values(id,name);
8. end;

Transaction management

void setAutoCommit(boolean status)

void commit()

void rollback()

Batch processing

Instead of single query we execute batch query.

1. Statement stmt=con.createStatement();
2. stmt.addBatch("insert into user420 values(190,'abhi',40000)");
3. stmt.addBatch("insert into user420 values(191,'umesh',50000)");
5. stmt.executeBatch();

Hibernate accurate jar file: search with which jar required to import AnnotationConfiguration.configuration then website <https://jar-download.com/maven-repository-class-search.php?search_box=org.hibernate.cfg.AnnotationConfiguration> .

Then download hibernate.Annotaion.jar file(3.0alpha3).