Adv Java JDBC Notes -2

\*) Software Required

a. JDK 8:

https://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html

b. STS/Eclipse Photon

STS 32 bit:

https://download.springsource.com/release/STS/3.9.6.RELEASE/dist/e4.9/spring-tool-suite-3.9.6.RELEASE-e4.9.0-win32.zip

STS 64 Bit:

https://download.springsource.com/release/STS/3.9.6.RELEASE/dist/e4.9/spring-tool-suite-3.9.6.RELEASE-e4.9.0-win32-x86\_64.zip

c. Oracle DB 11G \*\*

http://www.mediafire.com/file/e0611q3sq87cm6p/Oracle11Gdatabase.rar/file

Oracle DB 10G

http://www.mediafire.com/file/roc48z1i6iitpu4/OracleXE.exe/file

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\*)Creating new Application in STS/Eclipse

1. Download and Extract STS/Eclipse to

one folder (.zip=> folder)

2. Open folder and find STS.exe or

eclipse.exe file (or Application)

double click on this file to start.

3. Choose Workspace(Folder which stores

all our application files)

ex: D:/JdbcExamples

> click on browse for changing location

> finally click on Launch/Start

4. Perspective \*\*: It indicates what

kind of work are we doing in STS/Eclipse

ex: Java Perspective : Core java coding

Java EE Perspective:Advanced and

J2EE coding

Debug Perspective: App Testing

Git Perspective: Update code to

central repository.

5. \*\*\* Change to "Java Perspective"

> Window Menu > Perspective option

> Open Perspective > other...

> choose "Java" option. > finish

6 \*\*\* If any window or pane is closed,

to get them back use option:

> window > Perspective > Reset Perspective

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7. Creating Java Project:

> File > New > Java Project

> Enter Project Name

ex: JdbcType2Ex

> Finish button

8. Create Java class under "src" folder

[src means source folder. it should

contain all files of project]

> right click on "src" > new > class

> Enter details:

package : com.app

name : JdbcTest

\*\*\* press " ctrl + " or " ctrl - " to

increase and reduce font size.

9. Adding Jars to Project:(Buildpath)

For Oracle 10G use ojdbc14.jar

For Oracle 11G use ojdbc6.jar

> Right click on project name

> choose "Build path"

> Choose "Configure Build path"

> click on Library Tab.

> Click on "Add External Jars" button

> select ojdbc jar > Apply and close.

10. Write code as given before

\*\* ctrl+shift+O to get imports

\*\* ctrl+F11 to Run class/get output

\*\* Type main then ctl+space then

enter -> to generate main method

---Sample code--------

**package** com.app;

**import** java.sql.Connection;

**import** java.sql.DriverManager;

**public** **class** Test {

**public** **static** **void** main(String[] args)

**throws** Exception {

//jdbc properties

String driver="oracle.jdbc.driver.OracleDriver";

String url="jdbc:oracle:thin:@localhost:1522:ORCL";

String username="system";

String password="admin";

//code

Class.*forName*(driver);

Connection con=DriverManager.*getConnection*(url, username, password);

System.***out***.println("done");

}

}

=> Run Menu => Run option (ctrl+F11)

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