# Database

* Install MySQL server, connectors, workbench (optional)
  + When configuring server, use classic password style
* Install HeidiSQL for nice GUI database.
* Create a new database ‘directory’.
* Run ‘directory.sql’ to create the tables and populate data.
* Run ‘add\_person.sql’ to create the procedures.

# JAVA

* Install java 8 or higher (JDK 1.8+)

# Web server

* Install apache tomcat
* It will be configured on <http://localhost:8080/>
* JDBC connector- Copy *mysql-connector-java-x.x.x* from MYSQL/Connector J/ to apache\_tomcat\_dir/lib/

# IDE

* Install eclipse
* Install the below packages by clicking on "Help" > "Install New Software", selecting the repository that corresponds to your Eclipse build (i.e <http://download.eclipse.org/releases/indigo> for Indigo). The packages are grouped under "Web, XML, Java EE and OSGi Enterprise Development".
  + Eclipse Java EE Developer Tools
  + Eclipse Java Web Developer Tools
  + Eclipse Web Developer Tools
  + Eclipse XML Editors and Tools or Eclipse XSL Editors and Tools
  + JST Server Adapters
  + JST Server Adapters Extensions
* Setup tomcat server in eclipse
  + Go to File -> New -> Other; Server->Server; click next.
  + Select server type as ‘Tomcat v9.0 Server’; click next
  + Browse to your tomcat location. click next
  + Finish
* Import project ‘TeleDirectJavaServer’ and resolve dependencies.
* Import project ‘TeleDirectJava’ and resolve dependencies.
* Open ‘com.teleDirect.database.DatabaseProvider.java’ in ‘TeleDirectJavaServer’ and provide the correct database details.
* Correct all problems in console tab

# How to run?

1. Select ‘TeleDirectJava’ in eclipse.
2. Select RunAs.. -> Run on server. Select Tomcat 9.0 server
3. Associate ‘TeleDirectJava’ and ‘TeleDirectJavaServer’ to the server as resources and Finish.