JDBC CONNECTION

Connection con=**null**; Class.*forName*("oracle.jdbc.driver.OracleDriver");

String url="jdbc:oracle:thin:@localhost:1521:XE";

String user="system";

String pass="oracle";

con=DriverManager.*getConnection*(url, user, pass);

JNDI CONNECTION(DBCP, connection pooling)

```
<Context> <!-- Specify a JDBC datasource -->
<Resource
name="connpool"
auth="Container"
type="javax.sql.DataSource"
username="tomcatconnectionpool"
password="tomcatconnectionpool" driverClassName="oracle.jdbc.driver.OracleDriver"
url="jdbc:oracle:thin:@localhost:1521:xe"
maxActive="10"
maxIdle="4"
maxWait="5000" />
</Context>
```

HIBERNATE CONFIGURATION

```
<hibernate-configuration>
<session-factory>
<property name="hibernate.connection.driver_class"> oracle.jdbc.driver.OracleDriver </property>
<property name="hibernate.connection.url"> jdbc:oracle:thin:@localhost:1521:xe </property>
```

```xml
<property name="hibernate.connection.username">root</property> <property name="hibernate.connection.password">mysql</property> <property name="hibernate.dialect"> org.hibernate.dialect.OracleDialect</property>
<property name="hibernate.show_sql">true</property>
<property name="hbm2ddl.auto">update</property>


<!-- DBCP connection pooling -->
<property name="hibernate.dbcp.initialSize">8</property>
<property name="hibernate.dbcp.maxActive">20</property>
<property name="hibernate.dbcp.maxIdle">20</property>
<property name="hibernate.dbcp.minIdle">0</property>
<!—ehCache/secondary cache configuration -->
<property name ="hibernate.cache.use_second_level_cache">true</property>
<property name ="hibernate.cache.provider_class"> org.hibernate.cache.EhCacheProvider</property>
<property name ="cache.region.factory_class"> org.hibernate.cache.ehcache.EhCacheRegionFactory</property>
<mapping class="com.journaldev.hibernate.model.Employee" />
</session-factory>
</hibernate-configuration>
```

Spring boot Yml

```yaml
spring:
 jpa:
  show-sql: true
  hibernate:
   ddl-auto: update
  properties:
   hibernate.jdbc.batch_size: 20
   hibernate.cache.use_query_cache: false
   hibernate.cache.use_second_level_cache: false
   hibernate.cache.use_structured_entries: false
   hibernate.cache.use_minimal_puts: false
```

```yaml
datasource:
  #SPRING_DATASOURCE_URL environment variable will be something like ->
jdbc:sqlserver://MySqlServer\\MyInstance:1433;DatabaseName=MyDbName;
  url: ${SPRING_DATASOURCE_URL}
  username: ${SPRING_DATASOURCE_USERNAME}
  password: ${SPRING_DATASOURCE_PASSWORD}
  driverClassName: com.microsoft.sqlserver.jdbc.SQLServerDriver
```