1. **Create a Table**

CREATE TABLE "BOT"."EMPLOYEE"

( "ID" NUMBER,

"NAME" VARCHAR2(200 BYTE),

"ADDRESS" VARCHAR2(200 BYTE),

"CONTACT" VARCHAR2(20 BYTE),

"EMAIL" VARCHAR2(200 BYTE)

) SEGMENT CREATION IMMEDIATE

PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING

STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645

PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)

TABLESPACE "SYSTEM" ;

1. **Add Primary Key**

**ALTER** **TABLE** bot.employee

**ADD** (

**CONSTRAINT** employee\_pk **PRIMARY** **KEY** (id)

);

1. **Create Sequence**

**CREATE** SEQUENCE employee\_sequence;

( CREATE SEQUENCE "BOT"."EMPLOYEE\_SEQUENCE" MINVALUE 1 MAXVALUE 9999999999999999999999999999 INCREMENT BY 1 START WITH 1 CACHE 20 NOORDER NOCYCLE ;)

1. **Create Spring boot app with below Dependency-**

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-data-jpa</artifactId>

</dependency>

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-web</artifactId>

</dependency>

<dependency>

<groupId>com.oracle</groupId>

<artifactId>ojdbc6</artifactId>

<version>11.2.0.3</version>

</dependency>

1. **To add the OJDBC jar in local .me repository –**

mvn install:install-file -DgroupId=com.oracle -DartifactId=ojdbc6 -Dversion=11.2.0.3 -Dpackaging=jar -Dfile=ojdbc6-11.2.0.3.jar -DgeneratePom=true



1. **Update the YML file in Spring boot app for Hibernate configuration**

spring:

application:

name: spring-hibernate

server:

port: 8004

#Hibernate Configuration

hibernate.show\_sql: **true**

hibernate.hbm2ddl.auto: none

database.driver: oracle.jdbc.driver.OracleDriver

database.url: jdbc:oracle:thin:@localhost:1521:xe

database.user: bot

database.password: bot

hibernate.dialect: org.hibernate.dialect.Oracle12cDialect

1. **Now Create the Hibernate Configuration:**