

# USING ORACLE 11 EXPRESS EDITION | SQL DEVELOPER

## 1. SQL QUERY TO CREATE TABLE

create table Employee

(EMPNO varchar2(8) constraint EMP\_NO NOT NULL,

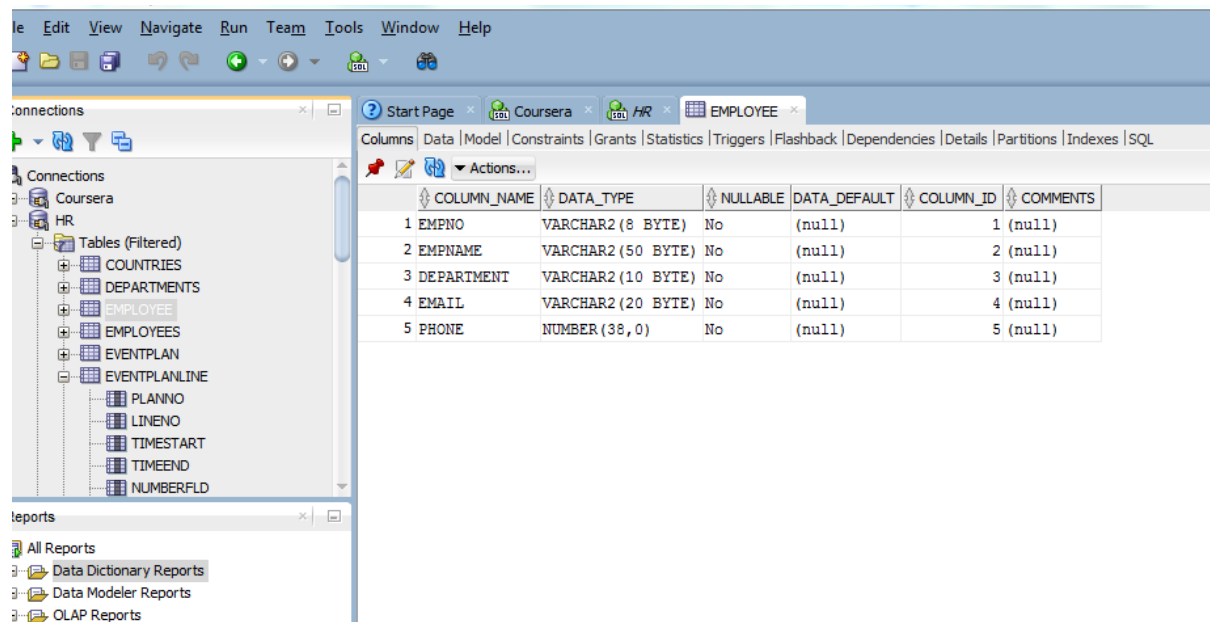
EMPNAME varchar2(50) CONSTRAINT EMP\_NAME NOT NULL,

DEPARTMENT VARCHAR2(10) CONSTRAINT DEPT NOT NULL,

EMAIL VARCHAR2(20) CONSTRAINT E\_MAIL NOT NULL,

PHONE INTEGER CONSTRAINT PHONE NOT NULL,

CONSTRAINT PK\_EMPLOYEE PRIMARY KEY (EMPNO));



The screenshot shows the Oracle SQL Developer interface. On the left, the 'Connections' pane shows a tree view with 'Coursera' and 'HR' connections. Under 'HR', there is a 'Tables (Filtered)' folder containing several tables, including 'EMPLOYEE'. The main pane displays the 'EMPLOYEE' table structure with the following columns:

| COLUMN_NAME  | DATA_TYPE          | NULLABLE | DATA_DEFAULT | COLUMN_ID | COMMENTS |
|--------------|--------------------|----------|--------------|-----------|----------|
| 1 EMPNO      | VARCHAR2 (8 BYTE)  | No       | (null)       | 1 (null)  |          |
| 2 EMPNAME    | VARCHAR2 (50 BYTE) | No       | (null)       | 2 (null)  |          |
| 3 DEPARTMENT | VARCHAR2 (10 BYTE) | No       | (null)       | 3 (null)  |          |
| 4 EMAIL      | VARCHAR2 (20 BYTE) | No       | (null)       | 4 (null)  |          |
| 5 PHONE      | NUMBER (38, 0)     | No       | (null)       | 5 (null)  |          |

## 2. INSERT STATEMENT | RESULT USING SELECT

Insert into EMPLOYEE (EMPNO,EMPNAME,DEPARTMENT,EMAIL,PHONE) values ('E100','Ayodele Believe Segun','Administration','believesegun@outlook.com','3-1111');

Insert into EMPLOYEE (EMPNO,EMPNAME,DEPARTMENT,EMAIL,PHONE) values ('E101','Mary Manager','Football','mary@colorado.edu','5-1111');

Insert into EMPLOYEE (EMPNO,EMPNAME,DEPARTMENT,EMAIL,PHONE) values ('E102','Sally Supervisor','Planning','sally@colorado.edu','3-2222');

Insert into EMPLOYEE (EMPNO,EMPNAME,DEPARTMENT,EMAIL,PHONE) values ('E103','Alan Administrator','Administration','alan@colorado.edu','3-3333');

Connections

Coursera

HR

Tables (Filtered)

- COUNTRIES
- DEPARTMENTS
- EMPLOYEE
- EMPLOYEES
- EVENTPLAN
- EVENTPLANLINE
  - PLANNO
  - LINENO
  - TIMESTART
  - TIMEEND
  - NUMBERFLD

Reports

- All Reports
- Data Dictionary Reports
- Data Modeler Reports

Start Page | Coursera | HR | RESOURCETBL

Worksheet | Query Builder

```
select * from employee;
```

Script Output | Query Result

SQL | All Rows Fetched: 3 in 0.093 seconds

|   | EMPNO | EMPNAME            | DEPARTMENT | EMAIL              | PHONE |
|---|-------|--------------------|------------|--------------------|-------|
| 1 | E101  | Mary Manager       | Football   | mary@colorado.edu  | 51111 |
| 2 | E102  | Sally Supervisor   | Planning   | sally@colorado.edu | 32222 |
| 3 | E103  | Alan Administrator | Admini     | alan@colorado.edu  | 33333 |