

SQL CODES:

1.) CREATE DATABASE EMPLOYEE_MANAGEMENT;

```
CREATE table COLLECTION_EMP_INFO(W_ID INT PRIMARY KEY,F_NAME
varchar(255),L_NAME varchar(255),JOIN_DATE varchar(255),DOB
varchar(255),GENDER varchar(255),DEPARTMENTID varchar(255));
```

```
CREATE table COLLECTION_DEPT_INFO(DEPARTMENTID INT PRIMARY
KEY,DEPARTMENTNAME varchar(255));
```

```
CREATE table COLLECTION_EMP(W_ID int PRIMARY KEY,EmpPosition
varchar(255),SAL varchar(255), FOREIGN KEY(W_ID) REFERENCES
COLLECTION_EMP_INFO(W_ID));
```

INSERT CODES FOR A DATABASE

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INSERT INTO COLLECTION_EMP_INFO VALUES(100,'ABC','XYZ','1-09-2016','11-05-
1998','Male','12');
```

```
INSERT INTO COLLECTION_EMP_INFO VALUES(102,'AC','XYZ','5-09-2016','11-05-
1998','Male','12');
```

```
INSERT INTO COLLECTION_EMP_INFO VALUES(103,'AB','XYY','2-09-2016','11-08-
1998','Male','11');
```

```
INSERT INTO COLLECTION_EMP_INFO VALUES(104,'AC','XYM','3-09-2016','11-09-
1998','Male','15');
```

```
INSERT INTO COLLECTION_EMP_INFO VALUES(105,'BC','XYH','4-09-2016','11-10-
1998','Male','12');
```

```
INSERT INTO COLLECTION_EMP_INFO VALUES(106,'AG','XTT','5-09-2016','11-11-
1998','Male','12');
```

```
INSERT INTO COLLECTION_EMP_INFO VALUES(107,'AU','XGG','7-09-2016','11-12-
1998','Male','12');
```

```
INSERT INTO COLLECTION_EMP_INFO VALUES(108,'AT','XBB','9-09-2016','11-13-
1998','Male','12');
```

```
INSERT INTO COLLECTION_EMP_INFO VALUES(109,'UT','XRR','10-09-2016','11-14-
1998','Male','15');
```

```
INSERT INTO COLLECTION_EMP_INFO VALUES(110,'TU','XTT','11-09-2016','11-15-
1998','FeMale','12');
```

```
INSERT INTO COLLECTION_EMP_INFO VALUES(111,'BB','XCF','12-09-2016','11-16-
1998','Male','15');
```

```
INSERT INTO COLLECTION_EMP_INFO VALUES(112,'AN','XYI','13-09-2016','11-17-
1998','Male','15');
```

INSERT INTO COLLECTION_EMP_INFO VALUES(113,'AM','XYY','14-09-2016','11-18-1998','FeMale','12');

INSERT INTO COLLECTION_EMP_INFO VALUES(114,'AY','XYGG','15-09-2016','11-19-1998','Male','12');

INSERT INTO COLLECTION_EMP_INFO VALUES(115,'AR','XDG','16-09-2016','11-20-1998','Male','12');

INSERT INTO COLLECTION_EMP_INFO VALUES(116,'RE','XYZT','17-09-2016','11-21-1998','FeMale','16');

INSERT INTO COLLECTION_EMP_INFO VALUES(117,'UU','XYZK','18-09-2016','11-22-1998','Male','12');

INSERT INTO COLLECTION_EMP_INFO VALUES(118,'II','XYFDG','19-09-2016','11-23-1998','FeMale','16');

INSERT INTO COLLECTION_EMP_INFO VALUES(119,'IO','XCGHB','20-09-2016','11-24-1998','Male','16');

INSERT INTO COLLECTION_EMP_INFO VALUES(120,'PO','XTT','21-09-2016','11-25-1998','FeMale','12');

INSERT INTO COLLECTION_EMP_INFO VALUES(121,'UY','XYH','22-09-2016','11-26-1998','Male','12');

INSERT INTO COLLECTION_EMP_INFO VALUES(122,'AEW','YYGFJ','23-09-2016','11-27-1998','Male','12');

INSERT INTO COLLECTION_EMP_INFO VALUES(123,'ANM','XYY','24-09-2016','11-28-1998','Male','12');

INSERT INTO COLLECTION_EMP_INFO VALUES(124,'ALL','XUU','25-09-2016','11-29-1998','Male','16');

INSERT INTO COLLECTION_EMP_INFO VALUES(125,'TYU','XTY','26-09-2016','11-30-1998','Male','12');

INSERT INTO COLLECTION_EMP_INFO VALUES(126,'IOU','CCC','27-09-2016','11-31-1998','FeMale','12');

INSERT INTO COLLECTION_EMP_INFO VALUES(127,'POI','BBB','28-09-2016','11-1-1999','Male','15');

INSERT INTO COLLECTION_EMP_INFO VALUES(128,'WER','TTT','29-09-2016','11-05-1997','Male','12');

INSERT INTO COLLECTION_EMP_INFO VALUES(129,'QET','XRT','30-09-2016','11-05-1996','Male','15');

INSERT INTO COLLECTION_EMP_INFO VALUES(130,'BHY','AGV','22-09-2016','11-05-1994','FeMale','12');

```
INSERT INTO COLLECTION_EMP_INFO VALUES(141,'WER','TTT','09-09-2021','11-05-1997','Male','12');
```

```
INSERT INTO COLLECTION_EMP_INFO VALUES(142,'QET','XRT','10-12-2021','11-05-1996','Male','15');
```

```
INSERT INTO COLLECTION_EMP_INFO VALUES(143,'BHY','AGV','22-09-2021','11-05-1994','FeMale','12');
```

```
insert into COLLECTION_DEPT_INFO values(10,'da');
```

```
insert into COLLECTION_DEPT_INFO values(16,'DA');
```

```
insert into COLLECTION_DEPT_INFO values(11,'CS');
```

```
insert into COLLECTION_DEPT_INFO values(12,'CA');
```

```
insert into COLLECTION_DEPT_INFO values(17,'DAE');
```

```
insert into COLLECTION_DEPT_INFO values(19,'CSE');
```

```
insert into COLLECTION_DEPT_INFO values(31,'HR');
```

```
insert into COLLECTION_DEPT_INFO values(9,'HR');
```

```
insert into COLLECTION_DEPT_INFO values(33,'HR');
```

```
INSERT INTO COLLECTION_EMP VALUES(101,"DEVELOEPR","10000");
```

```
INSERT INTO COLLECTION_EMP VALUES(102,'EXECTUVIVE','12000');
```

```
INSERT INTO COLLECTION_EMP VALUES(103,'MANAGER','13000');
```

```
INSERT INTO COLLECTION_EMP VALUES(104,'SALES','20000');
```

```
INSERT INTO COLLECTION_EMP VALUES(105,'FIELD','22000');
```

```
INSERT INTO COLLECTION_EMP VALUES(106,'HEAD','25000');
```

2.) SELECT F_NAME AS EMPLOYEE_NAME FROM COLLECTION_EMP_INFO;

3.) SELECT concat(F_NAME,L_NAME) AS NAME FROM COLLECTION_EMP_INFO;

4.) SELECT COUNT(*) FROM COLLECTION_DEPT_INFO WHERE DEPARTMENTNAME='HR';

5.) select * from COLLECTION_EMP where CAST(SAL AS INT)>10000 AND CAST(SAL AS INT)<20000;

6.) SELECT DEPARTMENTNAME, COUNT(*) FROM COLLECTION_DEPT_INFO GROUP BY DEPARTMENTNAME ORDER BY COUNT;

7.) SELECT DEPARTMENTNAME, COUNT(*) FROM COLLECTION_DEPT_INFO GROUP BY DEPARTMENTNAME ;

8.) SELECT * FROM COLLECTION_EMP_INFO LIMIT 25;