

**#SPECIFY WHICH DATABASE TO BE USED FOR THE SUBSEQUENT ACTIVITY**

**USE EMPLOYEE;**

**# CREATING THE TABLE WITH THE CONSTRAINTS**

CREATE TABLE MANAGERS

(MANAGER\_ID VARCHAR (10) UNIQUE,  
FIRST\_NAME VARCHAR (30) NOT NULL,  
LAST\_NAME VARCHAR(30) NOT NULL,  
DOB DATE,  
AGE INT,  
GENDER VARCHAR(10) NOT NULL , CHECK (GENDER='MALE' OR GENDER  
='FEMALE' OR GENDER = 'TRANSGENDER'),  
DEPARTMENT VARCHAR(15) NOT NULL, CHECK( DEPARTMENT = 'IT' OR  
DEPARTMENT = 'FINANCE' OR DEPARTMENT = 'HR'),  
SALARY INT NOT NULL,CHECK (SALARY>=10000 AND SALARY <=100000),  
PRIMARY KEY (MANAGER\_ID));

**# INSERTED THE SINGLE ROW INTO THE TABLE WHICH SATIFIES ALL THE CONDITIONS OF THE CONSTRAINTS**

INSERT INTO MANAGERS  
(MANAGER\_ID,FIRST\_NAME, LAST\_NAME, DOB, AGE, GENDER,  
DEPARTMENT, SALARY)  
VALUES  
(IT012345,'RAJU','UNNI','19750125','49','MALE','IT','35000');

**/\* INSERTED ANOTHER ROW INTO THE TABLE WITHOUT CHANGING THE MANAGER\_ID,  
THE NEW RECORD HAS INSERTED INTO THE TABLE SINCE THE PRIMARYKEY CONDITION HAS  
NOT SATISFIED WITH THE SAME MANAGER\_ID.\*/**

INSERT INTO MANAGERS  
(MANAGER\_ID,FIRST\_NAME, LAST\_NAME, DOB, AGE, GENDER,  
DEPARTMENT, SALARY)  
VALUES  
(IT012346,'MANU','NARAYAN','19850125','39','MALE','IT','40000');

**/\* INSERTED ANOTHER ROW INTO THE TABLE CHANGING THE MANAGER\_ID AND ALL OTHER  
FIELDS EXCEPT DOB & AGE FOR WHICH THE VALUE HAS NOT PASSED TO THE TABLE.  
HOWEVER THE RECORD HAS INSERTED SUCCESSFULLY TO THE TABLE SINCE THE  
CONSTRAINTS NOT NULL WAS NOT APPLIED TO THESE TWO FIELDS\*/**

```
INSERT INTO MANAGERS
(MANAGER_ID,FIRST_NAME, LAST_NAME, DOB, AGE, GENDER,
DEPARTMENT, SALARY)
VALUES
('IT012347','ANU','NARAYAN','FEMALE','IT','45000');
```

**/\* INSERTED ANOTHER 6 ROW INTO THE TABLE CHANGING THE MANAGER\_ID AND ALL  
OTHER FIELDS. THE VALUE HAS UPDATED SUCCESSFULLY TO THE TABLE\*/**

```
INSERT INTO MANAGERS
(MANAGER_ID,FIRST_NAME, LAST_NAME, DOB, AGE, GENDER,
DEPARTMENT, SALARY)
VALUES
('FINA012349','SOUMYA','MANOJ','19850526','39','FEMALE','FINANCE','65000'),
('HR012350','RENJU','RAJAN','19890403','35','FEMALE','HR','75000'),
('HR012351','SOMU','SAM','19900321','34','MALE','HR','80000'),
('FINA012352','EMILY','LIJU','19820502','42','FEMALE','FINANCE','95000'),
('IT012353','SOJI','JIMMY','19990102','25','FEMALE','IT','65000'),
('IT012354','DEEPU','THOMAS','19920128','32','MALE','IT','49000');
```

**/\*QUERY TO RETIEVE THE NAMES AND DATE OF BIRTH OF THE MANAGER WITH  
MANAGER ID \*/**

```
SELECT MANAGER_ID,
CONCAT (FIRST_NAME, LAST_NAME) AS NAME,
DOB FROM MANAGERS;
```

**/\*WRITE A QUERY TO DISPLAY RECORDS OF ALL MANAGERS EXCEPT 'SOUMYA'\*/**

```
SELECT * FROM MANAGERS
WHERE FIRST_NAME NOT LIKE 'SOUMYA%';
```

/\* WRITE A QUERY TO DISPLAY DETAILS OF MANAGERS WHOSE DEPARTMENT IS IT  
AND EARNS MORE THAN 25000 PER MONTH.\*/

SELECT \* FROM MANAGERS  
WHERE DEPARTMENT LIKE 'IT%'  
AND SALARY > '25000';

DISPLAY DETAILS OF MANAGERS WHOSE SALARY IS BETWEEN 10000 AND 35000.\*/

SELECT \* FROM MANAGERS  
WHERE SALARY BETWEEN '10000' AND '35000';