

EX-2 INTEGRITY CONSTRAINTS

```
SQL Plus
SQL> CREATE TABLE Dataflair
2 (
3   empid varchar (5) NOT NULL ,
4   name varchar (50) ,
5   location varchar (10) ,
6   experience number ,
7   PRIMARY KEY ( empid )
8 ) ;

Table created.

SQL> CREATE TABLE Location
2 (
3   location_id varchar (5) NOT NULL ,
4   location varchar (50) NOT NULL ,
5   office_size number ,
6   empid varchar (5) ,
7   PRIMARY KEY ( location_id ) , FOREIGN KEY( empid )
8   REFERENCES Dataflair ( empid )
9 ) ;

Table created.

SQL> INSERT INTO Dataflair VALUES (1,'ABI','CHENNAI',1) ;

1 row created.

SQL> INSERT INTO Dataflair VALUES (2,'AADHI','COIMBATORE',2) ;

1 row created.
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SQL Plus
SQL> INSERT INTO Dataflair VALUES (3,'SAKTHI','ERODE',2) ;

1 row created.

SQL> INSERT INTO Dataflair VALUES (4,'SIVA','TRICHY',1) ;

1 row created.

SQL> INSERT INTO Dataflair VALUES (5,'RAJ','SALEM',3) ;

1 row created.

SQL> INSERT INTO Location VALUES (123,'CHENNAI',5,1) ;

1 row created.

SQL> INSERT INTO Location VALUES (124,'COIMBATORE',10,2) ;

1 row created.

SQL> INSERT INTO Location VALUES (126,'ERODE',20,3) ;

1 row created.

SQL> INSERT INTO Location VALUES (125,'TRICHY',15,4);

1 row created.

SQL> INSERT INTO Location VALUES (127,'SALEM',25,5) ;
```

```
SQL Plus
SQL> SELECT * FROM Dataflair ;
```

EMPID	NAME	LOCATION	EXPERIENCE
1	ABI	CHENNAI	1
2	AADHI	COIMBATORE	2
3	SAKTHI	ERODE	2
4	SIVA	TRICHY	1
5	RAJ	SALEM	3

```
SQL> SELECT * FROM Location ;
```

LOCAT	LOCATION	OFFICE_SIZE	EMPID
123	CHENNAI	5	1
124	COIMBATORE	10	2
126	ERODE	20	3
125	TRICHY	15	4
127	SALEM	25	5

```
SQL> SELECT Dataflair.empid, name, Dataflair.location from Dataflair, Location
2 WHERE Dataflair.empid = Location.empid ;
```

EMPID	NAME	LOCATION
1	ABI	CHENNAI
2	AADHI	COIMBATORE
3	SAKTHI	ERODE
4	SIVA	TRICHY
5	RAJ	SALEM

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