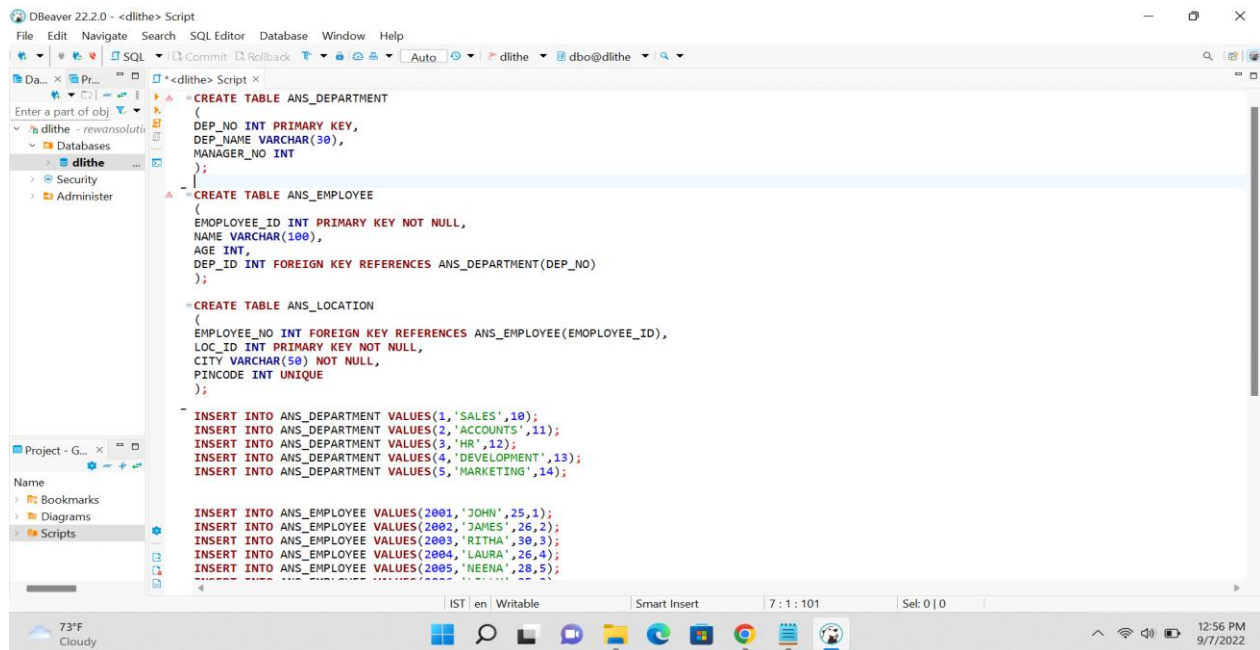1) create the department table pk constraint.

2) create the employee table use department table pk as foreign key .

3) create the location table table and use the not null unique ,not null and pk constraint.

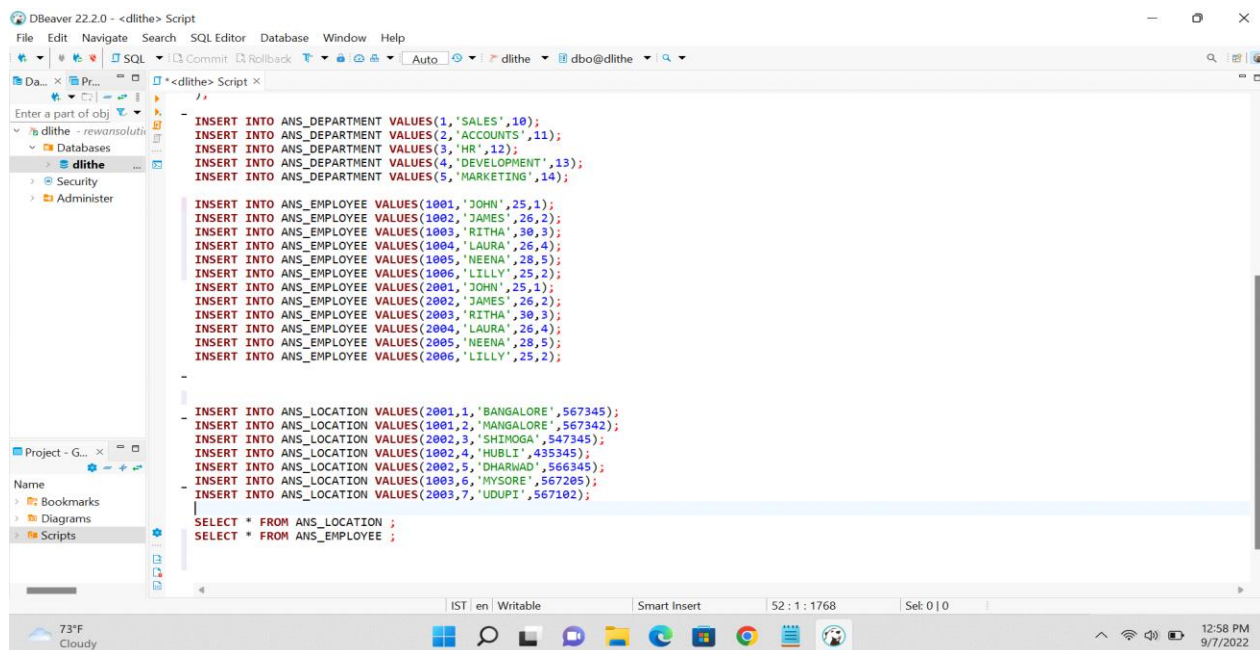After creation of the table insert the data in all 3 tables.


```sql
CREATE TABLE ANS_DEPARTMENT
(
DEP_NO INT PRIMARY KEY,
DEP_NAME VARCHAR(30),
MANAGER_NO INT
);

CREATE TABLE ANS_EMPLOYEE
(
EMOPLOYEE_ID INT PRIMARY KEY NOT NULL,
NAME VARCHAR(100),
AGE INT,
DEP_ID INT FOREIGN KEY REFERENCES ANS_DEPARTMENT(DEP_NO)
);

CREATE TABLE ANS_LOCATION
(
EMPLOYEE_NO INT FOREIGN KEY REFERENCES ANS_EMPLOYEE(EMOPLOYEE_ID),
LOC_ID INT PRIMARY KEY NOT NULL,
CITY VARCHAR(50) NOT NULL,
PINCODE INT UNIQUE
);

INSERT INTO ANS_DEPARTMENT VALUES(1,'SALES',10);
INSERT INTO ANS_DEPARTMENT VALUES(2,'ACCOUNTS',11);
INSERT INTO ANS_DEPARTMENT VALUES(3,'HR',12);
INSERT INTO ANS_DEPARTMENT VALUES(4,'DEVELOPMENT',13);
INSERT INTO ANS_DEPARTMENT VALUES(5,'MARKETING',14);

INSERT INTO ANS_EMPLOYEE VALUES(2001,'JOHN',25,1);
INSERT INTO ANS_EMPLOYEE VALUES(2002,'JAMES',26,2);
INSERT INTO ANS_EMPLOYEE VALUES(2003,'RITHA',30,3);
INSERT INTO ANS_EMPLOYEE VALUES(2004,'LAURA',26,4);
INSERT INTO ANS_EMPLOYEE VALUES(2005,'NEENA',28,5);
```



```sql
INSERT INTO ANS_DEPARTMENT VALUES(1,'SALES',10);
INSERT INTO ANS_DEPARTMENT VALUES(2,'ACCOUNTS',11);
INSERT INTO ANS_DEPARTMENT VALUES(3,'HR',12);
INSERT INTO ANS_DEPARTMENT VALUES(4,'DEVELOPMENT',13);
INSERT INTO ANS_DEPARTMENT VALUES(5,'MARKETING',14);

INSERT INTO ANS_EMPLOYEE VALUES(1001,'JOHN',25,1);
INSERT INTO ANS_EMPLOYEE VALUES(1002,'JAMES',26,2);
INSERT INTO ANS_EMPLOYEE VALUES(1003,'RITHA',30,3);
INSERT INTO ANS_EMPLOYEE VALUES(1004,'LAURA',26,4);
INSERT INTO ANS_EMPLOYEE VALUES(1005,'NEENA',28,5);
INSERT INTO ANS_EMPLOYEE VALUES(1006,'LILLY',25,2);
INSERT INTO ANS_EMPLOYEE VALUES(2001,'JOHN',25,1);
INSERT INTO ANS_EMPLOYEE VALUES(2002,'JAMES',26,2);
INSERT INTO ANS_EMPLOYEE VALUES(2003,'RITHA',30,3);
INSERT INTO ANS_EMPLOYEE VALUES(2004,'LAURA',26,4);
INSERT INTO ANS_EMPLOYEE VALUES(2005,'NEENA',28,5);
INSERT INTO ANS_EMPLOYEE VALUES(2006,'LILLY',25,2);


INSERT INTO ANS_LOCATION VALUES(2001,1,'BANGALORE',567345);
INSERT INTO ANS_LOCATION VALUES(1001,2,'MANGALORE',567342);
INSERT INTO ANS_LOCATION VALUES(2002,3,'SHIMOGA',547345);
INSERT INTO ANS_LOCATION VALUES(1002,4,'HUBLI',435345);
INSERT INTO ANS_LOCATION VALUES(2002,5,'DHARWAD',566345);
INSERT INTO ANS_LOCATION VALUES(1003,6,'MYSORE',567205);
INSERT INTO ANS_LOCATION VALUES(2003,7,'UDUPI',567102);

SELECT * FROM ANS_LOCATION ;
SELECT * FROM ANS_EMPLOYEE ;
```

File Edit Navigate Search SQL Editor Database Window Help

*<dlithe> Script

```sql
SELECT * FROM ANS_DEPARTMENT ;
```

Results 1

SELECT * FROM ANS_DEPARTMENT   Enter a SQL expression to filter results (use Ctrl+Space)

	DEP_NO	DEP_NAME	MANAGER_NO
1	1	SALES	10
2	2	ACCOUNTS	11
3	3	HR	12
4	4	DEVELOPMENT	13
5	5	MARKETING	14

Value
1

Save Cancel Script 200 5 Rows: 1 5 row(s) fetched - 280ms, on 2022-09-07 at 12:58:57

IST en Writable   Smart Insert   66 : 1 : 1826   Sel: 0 | 0

73°F Cloudy   12:59 PM 9/7/2022

File Edit Navigate Search SQL Editor Database Window Help

*<dlithe> Script

```sql
SELECT * FROM ANS_EMPLOYEE ;
```

Results 1

SELECT * FROM ANS_EMPLOYEE   Enter a SQL expression to filter results (use Ctrl+Space)

	EMOPLOYEE_ID	NAME	AGE	DEP_ID
1	1,001	JOHN	25	1
2	1,002	JAMES	26	2
3	1,003	RITHA	30	3
4	1,004	LAURA	26	4
5	1,005	NEENA	28	5
6	1,006	LILLY	25	2
7	2,001	JOHN	25	1
8	2,002	JAMES	26	2
9	2,003	RITHA	30	3
10	2,004	LAURA	26	4
11	2,005	NEENA	28	5
12	2,006	LILLY	25	2

Value
1001

Save Cancel Script 200 12 Rows: 1 12 row(s) fetched - 529ms, on 2022-09-07 at 13:00:1

IST en Writable   Smart Insert   73 : 1 : 1838   Sel: 0 | 0

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File   Edit   Navigate   Search   SQL Editor   Database   Window   Help

SQL | Commit Rollback | Auto | dlithe | dbo@dlithe

*<dlithe> Script

```
SELECT * FROM ANS_LOCATION ;
```

Results 1

SELECT * FROM ANS_LOCATION | Enter a SQL expression to filter results (use Ctrl+Space)

	EMPLOYEE_NO	LOC_ID	CITY	PINCODE
1	2,001	1	BANGALORE	567,345
2	1,001	2	MANGALORE	567,342
3	2,002	3	SHIMOGA	547,345
4	1,002	4	HUBLI	435,345
5	2,002	5	DHARWAD	566,345
6	1,003	6	MYSORE	567,205
7	2,003	7	UDUPI	567,102

Value
2001

Save Cancel Script | 200 | 7 | Rows: 1 | 7 row(s) fetched - 571ms, on 2022-09-07 at 13:00:42

IST en Writable | Smart Insert | 65 : 27 : 1820 | Sel: 0 | 0

73°F
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9/7/2022