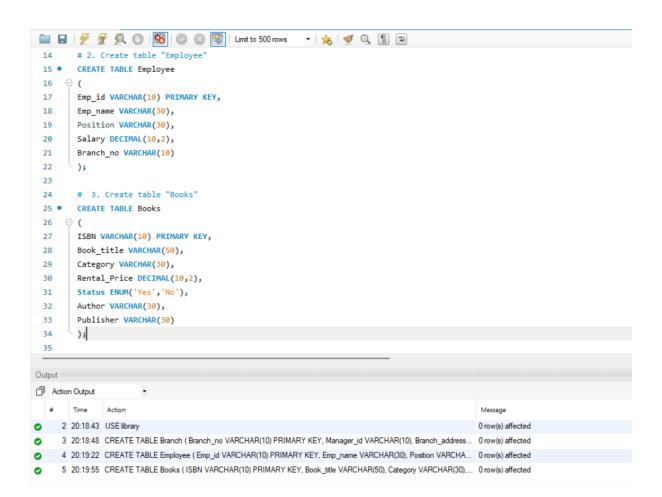
```
mysql_assgnmnt* SQL File 9* SQL File 10* SQL File 11* joins SQL File 14* SQL File 15* SQL File 16* SQL File 16* SQL File 17* SQL File 19*
 🚞 🔒 | 🗲 💯 👰 🔘 🔞 | 🚳 | ◎ 🚳 | Limit to 500 rows 🔻 | 🌟 | 🛫 🔍 🗻 📦
         # Create a Database called 'Library'
   2 • CREATE DATABASE library;
   3 • USE library;
         # 1. create table "Branch"
   6 • CREATE TABLE Branch
         Branch_no VARCHAR(10) PRIMARY KEY,
         Manager_id VARCHAR(10),
        Branch_address VARCHAR(30),
         Contact_no VARCHAR(15)
  12
Output
Action Output

    1 20:18:41 CREATE DATABASE library

                                                                                                1 row(s) affected

    2 20:18:43 USE library

                                                                                                0 row(s) affected
   3 20:18:48 CREATE TABLE Branch ( Branch_no VARCHAR(10) PRIMARY KEY, Manager_id VARCHAR(10), Branch_address V... 0 row(s) affected
```



```
□ □ □ | F F Q ○ | S | ○ ○ ○ | Umit to 500 rows
          # 4 Create table "Customer
        CREATE TABLE Customer
  38 •
  39 ⊖ (
          Customer Id VARCHAR(10) PRIMARY KEY,
  40
          Customer_name VARCHAR(30),
  41
         Customer_address VARCHAR(30),
  42
  43
        Reg_date DATE
  44
  45
          # 5. Create table "IssueStatus"
  46
  47 • CREATE TABLE IssueStatus
  48 ⊖ (
  49
         Issue_Id VARCHAR(10) PRIMARY KEY,
         Issued_cust VARCHAR(30),
  51
         Issued_book_name VARCHAR(50),
         Issue_date DATE,
        Isbn_book VARCHAR(15),
  53
         FOREIGN KEY (Issued_cust) REFERENCES customer(Customer_id) on DELETE CASCADE,
       FOREIGN KEY (Isbn_book) REFERENCES books(ISBN) on DELETE CASCADE
);
  55
  56
  57 • ALTER TABLE issuestatus MODIFY COLUMN Issued book name VARCHAR(80);
  58 • ALTER TABLE issuestatus MODIFY COLUMN Isbn_book VARCHAR(25);
  59
Output ::
Action Output
  # Time
6 20:20:22 CREATE TABLE Customer ( Customer_Id VARCHAR(10) PRIMARY KEY, Customer_name VARCHAR(30), Custome... 0 row(s) affected
      7 20:20:28 CREATE TABLE Issue Status ( Issue_ld VARCHAR(10) PRIMARY KEY, Issued_cust VARCHAR(30), Issued_book_... 0 row(s) affected
8 20:20:36 ALTER TABLE issuestatus MODIFY COLUMN Issued book name VARCHAR(80)
0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
 🛅 🔚 | 🥖 📝 👰 🔘 | 🔀 | 🥥 🔞 📳 | Limit to 500 rows 🔻 埃 | 🥩 🔍 🐧 📦
 58
 59
         # 6. Create table "ReturnStatus"
 60 •
       CREATE TABLE ReturnStatus
 61 ⊖ (
         Return_id VARCHAR(10) PRIMARY KEY,
 62
 63
         Return_cust VARCHAR(30),
         Return book name VARCHAR(50),
 64
 65
         Return_date DATE,
 66
         isbn book2 VARCHAR(15),
 67
         FOREIGN KEY (isbn_book2) REFERENCES books(ISBN) on DELETE CASCADE
 68
         ALTER TABLE returnstatus MODIFY COLUMN Return book name VARCHAR(80):
 70 •
         ALTER TABLE returnstatus MODIFY COLUMN isbn_book2 VARCHAR(25);
 72
Output :::
Action Output
    3 20:18:48 CREATE TABLE Branch ( Branch_no VARCHAR(10) PRIMARY KEY, Manager_id VARCHAR(10), Branch_address... 0 row(s) affected
4 20:19:22 CREATE TABLE Employee ( Emp_id VARCHAR(10) PRIMARY KEY, Emp_name VARCHAR(30), Position VARCHA... 0 row(s) affected
    5 20:19:55 CREATE TABLE Books (ISBN VARCHAR(10) PRIMARY KEY, Book_title VARCHAR(50), Category VARCHAR(30),... 0 row(s) affected
6 20:20:22 CREATE TABLE Customer ( Customer_Id VARCHAR(10) PRIMARY KEY, Customer_name VARCHAR(30), Custome... 0 row(s) affected
     7 20:20:28 CREATE TABLE IssueStatus (Issue_Id VARCHAR(10) PRIMARY KEY, Issued_cust VARCHAR(30), Issued_book_... 0 row(s) affected
8 20:20:36 ALTER TABLE issuestatus MODIFY COLUMN Issued_book_name VARCHAR(80)
                                                                                                      0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
                                                                                                       0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
      9 20:20:39 ALTER TABLE issuestatus MODIFY COLUMN Isbn_book VARCHAR(25)
0 10 20:22:01 CREATE TABLE ReturnStatus ( Return_id VARCHAR(10) PRIMARY KEY, Return_cust VARCHAR(30), Return_bo... 0 row(s) affected
    11 20:22:06 ALTER TABLE returnstatus MODIFY COLUMN Return book name VARCHAR(80)
                                                                                                       0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
12 20:22:09 ALTER TABLE returnstatus MODIFY COLUMN isbn_book2 VARCHAR(25)
                                                                                                       0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
```

```
73
        # Insert values into each tables
 74
 75 • ⊖ INSERT INTO branch (
        Branch_no,
 76
 77
        Manager_id,
 78
        Branch_address ,
 79
        Contact_no
        ) VALUES
 80
        ('01', 'M01', '01 Thrissur', '+919099988676'),
 81
 82
        ('02', 'M02', '02 Calicut', '+919099988677'),
        ('03', 'M03', '03 Trivandrum', '+919099988678'),
 83
        ('04', 'M04', '04 Kottayam', '+919099988679'),
 84
        ('05', 'M05', '05 Kannur', '+919099988680');
 85
        SELECT * FROM branch;
 86
 87
                                        | Edit: 🚄 🖶 | Export/Import: 🏣 👸 | Wrap Cell Content: 🔣
Branch_no Manager_id Branch_address Contact_no
  01
            M01
                       01 Thrissur
                                    +919099988676
  02
            M02
                      02 Calicut
                                    +919099988677
  03
            M03
                       03 Trivandrum
                                    +919099988678
                      04 Kottayam
  04
            M04
                                    +919099988679
  05
                                    +919099988680
            M05
                       05 Kannur
branch 1 ×
 89 • ⊝ INSERT INTO employee (
 90
         Emp id,
 91
         Emp_name,
 92
         Position,
 93
         Salary,
 94
         Branch no )
          VALUES
 95
         ('E01', 'Shan Parveen', 'manager', 60000.00, '01'),
 96
         ('E02', 'Sreethi Satheesh', 'Clerk', 45000.00, '02'),
 97
 98
         ('E03', 'Stemy Mariya', 'Librarian', 55000.00,'03'),
         ('E04', 'Shilpa Suresh', 'Assistant', 40000.00, '01'),
 99
         ('E05', 'Ashma hahul', 'Assistant', 42000.00, '05'),
100
         ('E06', 'ShifaSabeel', 'Assistant', 43000.00, '02'),
101
         ('E07', 'Rani Micheal', 'Manager', 62000.00, '03'),
102
         ('E08', 'Anjali Sasikumar', 'Clerk', 46000.00, '04'),
103
Edit: 🕍 📆 Export/Import: 📳 🐻 | Wrap Cell Content: 🖽
   Emp_id
           Emp_name
                                    Salary
                                              Branch_no
                          Position
  E01
          Shan Parveen
                                   60000.00
                          manager
                                             01
  E010
          Sherin Thomas
                          Assistant
                                   41000.00
                                             03
  F011
          Sherly John
                          Manager
                                   65000.00
                                             04
  E02
          Sreethi Satheesh
                          Clerk
                                   45000.00 02
  E03
          Stemy Mariya
                          Librarian
                                   55000.00
                                             03
                          Assistant 40000.00
  E04
          Shilpa Suresh
                                             01
  E05
          Ashma hahul
                          Assistant
                                   42000.00
                                             05
  E06
          ShifaSabeel
                          Assistant
                                   43000.00
                                             02
  E07
          Rani Micheal
                                   62000.00
                          Manager
                                             03
  E08
          Anjali Sasikumar
                          Clerk
                                   46000.00
                                             04
  E09
          Angela Thomas
                          Librarian
                                   57000.00
                                             01
  NULL
                         HULL
                                   NULL
                                             NULL
```

