```
#Mysql Comprehensive Asse
create database Library;
     3 • use library;
4 • ♀ create table Branch(
              branch_no int primary key,
manager_id int,
               branch address varchar(50).
               contact_no int);
    10 • ⊖ create table employee(
    11
               employee_id int primary key,
    12
               employee_name varchar(30),
position varchar(30),
    14
               salary int,
               foreign key (branch_no) references branch(branch_no));
               isbn int(15) primary key,
book_title varchar(40),
    19
    21
               category varchar(30),
              status char(5),
author varchar(30),
publisher varchar(30));
    23
    26
    27 • ⊖ create table customer(
              customer_id int primary key,
customer_name varchar(30),
              customer_address varchar(50),
reg_date date);
    32
    33 • ⊖ create table issueStatus(
    34
               issue id int primary key,
    35
36
               issued_cust int,
               issued_book_name varchar(30),
               issue_date date,
isbn_book int,
    39
               foreign key (issued_cust) references customer(customer_id),
foreign key (isbn_book) references books(isbn));
    41
    42 • ⊖ create table return_status(
    43
               return_id int primary key,
    44
               return_cust int,
return_book_name varchar(30),
    46
               return_date date,
isbn_book2 int,
               foreign key (isbn_book2)references books(isbn));
    48
    50
               delimiter #
               create procedure branch_values(in b_no int,in m_id int,in b_addr varchar(50),in conta int)
    52 ⊝ begin
               insert into branch values(b_no,m_id,b_addr,conta);
               delimiter ;
    57 •
               call branch_values(100,1,'thrissur,eastfort',956487247);
              call branch_values(109,1, thrissur,eastrort_y55e8/24/);
call branch_values(101,2,'kochi,ernakulam',45746531);
call branch_values(102,3,'ottappalam.palakkad',16935522);
call branch_values(103,4,'manjeri,malapuram',854665621);
    59 •
   60 •
61 •
              call branch_values(104,5,'payyannur,kannur',796611222);
   62 •
63
               call branch_values(105,6,'punalur,kollam',956478224);
               delimiter #
               create procedure employee_values(in emp_id int,in emp_name varchar(30),in pos varchar(30),in sala int,in b_no int)
    67 ⊝ begin
               insert into employee values(emp_id,emp_name,pos,sala,b_no);
    68
               delimiter :
               call employee_values(1000, 'Sudhakaran', 'manager', 70000, 100);
    72 •
              call employee_values(1001, 'Subhash', 'library technician',35000,100);
call employee_values(1002, 'Meera', 'ibrary director',80000,101);
    75 •
76 •
              call employee_values(1003, 'Anuchand', 'Assistant',40000,101);
call employee_values(1004, 'Sreeram', 'Manager',70000,102);
   77 • call employee_values(1895, 'Antong', 'technical assistant', 38000,102);
78 • call employee_values(1896, 'Antony', 'Accounting', 54000,183);
79 • call employee_values(1807, 'Beena', 'Junior manager', 68000,184);
              call employee_values(1009, 'Reman', 'Librarian', 50000,104);
call employee_values(1009, 'Rabul', 'Librarian', 55000,104);
call employee_values(1010, 'Welson', 'Director', 75000,104);
call employee_values(1011, 'Welson', 'Director', 75000,104);
call employee_values(1011, 'Welson', 'Librarian', 35000,105);
    82 •
    84 •
              call employee_values(1012, 'Aswathy', 'Manager',60000,105);
call employee_values(1013, 'Reena', 'Library assistant',3000
   86 • call employee_values(1014, 'Roy', 'Library assistant', 30000,105);
87 • call employee_values(1015, 'Kumar', 'Library assistant', 30000,105);
88 • call employee_values(1016, 'Raghav', 'Library assistant', 30000,105);
```

```
delimiter #
   87 •
               create procedure book_values(in isbn int,in b_title varchar(30),in cat varchar(30),in r_price int,in stat char,in auth varchar(30),in pub varchar(30))
   88 Ç
               begin
   89
               insert into books values(isbn,b_title,cat,r_price,stat,auth,pub);
   90
91
               delimiter :
              call book_values('454614226','Adujecvitham','Movel',35,'y','Benyamin','Penguin Books');
call book_values('497956232','Randamoozham','Movel',50,'y','n'T Yasudevan nair','Current Books');
call book_values('1258995023','The Alchemist','Adventure',40,'y','Paulo Coelho','MarperCollins Publishers');
call book_values('473662323','Oru Desathinte Katha','Fiction',40,'y','SK Pottakadu','Current Books');
  94 •
95 •
   96 •
   98 •
              call book_values('4633631','Arachan','Novel',20,'n','KR Meera','Current Books');
call book_values('165321233','You Are Born To Blossom','Inspiration and Guidance',30,'n','APJ Abdul Kalam','Current Books');
 99 •
 101
               delimiter #
 102 •
               create procedure customer_values(in c_id int,in c_name varchar(30),in c_addr varchar(50),in r_date date)
 103
               begin
               insert into customer values(c_id,c_name,c_addr,r_date);
end #
 104
 106
               delimiter :
 107
108 •
              call customer_values(10,'Shifana','thrissur','2020-06-22');
call customer_values(11,'Alwin','Kochi','2021-02-20');
 109 •
110 •
              call customer_values(12, 'Sukanya', 'Palakkad', '2020-12-20');
call customer_values(13, 'Dileesh', 'Malapuram', '2022-01-20');
call customer_values(14, 'Sudhi', 'Kannur', '2021-05-25');
 111 •
112 •
 113 • call customer_values(15, 'Anand', 'Kannur', '2021-05-25');
114 • call customer_values(16, 'Jyolsana', 'thrissur', '2020-12-15');
115 • call customer_values(17, 'Lithin', 'Palakkad', '2021-08-14');
 121
           delimiter #
  create procedure issuestatus_values(in is_id int,in is_c int,in is_b_n varchar(30),in is_date date,in isbn int)
 123 ⊖ begin
124 insert
              insert into issueStatus values(is_id,is_c,is_b_n,is_date,isbn);
end #
 125
 125
              delimiter ;
126 oclimate: ,

127

128 call issuestatus_values(1,10,'Adujeevitham','2023-06-20','454614226');

129 call issuestatus_values(2,11,'Randamocham','2023-06-10','49796232');

130 call issuestatus_values(3,12,'The Alchemist','2023-06-10','1258093623');

131 call issuestatus_values(4,113,'Oru Desathinte Katha','2023-12-15',473662323);

132 call issuestatus_values(5,14,'Arachar','2023-05-12','46332631');
 133 • call issuestatus_values(6,15, 'Adujeevitham', '2023-07-20', '454614226');
134 • call issuestatus_values(7,16, 'Arachar', '2023-06-22', '46332631');
 135 • call issuestatus_values(8,17,'The Alchemist','2023-08-25','1258893623');
  Edit: 🕍 誌 📙 Export/Import: 📳 🍇 | Wrap Cell Content: 🖪
Result Grid
                                                                | Edit: 🚄 📆 👼 | Export/Import: 🎳 👸 | Wrap Cell Content: 🔢 | Fetch rows:
   employee_jd employee_name position

1000 Sudhakaran manager

1001 Subhash library ter

1002 Meera ibrary dri

1003 Anuchand Assistant
                                                                   salary branch_no
70000 100
35000 100
80000 101
40000 101
                                            manager
library technician
ibrary director
Assistant
      1004
1005
                      Sreeram
Anurag
                                             Manager
technical assistant
                                                                    70000 102
30000 102
                                                                    54000 103
60000 104
30000 104
      1006
1007
                      Antony
Beena
                                            Accounting
Junior manager
                                                                                                                                                                                                                                                                                                                                               Field
Types
                                             Library assistant
      1008
     1009
                      Rahul
                                            Librarian
                                                                    45000 104
  branch 1 employee 2 × books 3 customer 4 issueStatus 5 return_status 6
```





