

```

create database LIBRARY_MANAGEMENT;

USE LIBRARY_MANAGEMENT;

create TABLE BRANCH(BRANCH_NO INT primary KEY,MANAGER_ID varchar(50),BRANCH_ADDRESS
varchar(50),CONTACT_NO int);

ALTER TABLE BRANCH modify COLUMN CONTACT_NO bigint;

insert into BRANCH(BRANCH_NO,MANAGER_ID,BRANCH_ADDRESS,CONTACT_NO)

values

(101,'LD-1001','ANGAMALY',0484876567),
(102,'LD-1002','KALADY',9876765985),
(103,'LD-1003','THURAVOOR',9887676598),
(104,'LD-1004','KARUKUTTY',04847659857),
(105,'LD-1005','ALUVA',9965767659),
(106,'LD-1006','KANJOOR',9776765985),
(107,'LD-1007','KOTTAMAM',8176765983),
(108,'LD-1008','MOOKKANNUR',9976765598),
(109, 'LD-1009', 'PERUMBAVOOR', '9876543210'),
(110, 'LD-1010', 'VYTTILA', '9765432109'),
(111, 'LD-1011', 'EDAPALLY', '9654321098'),
(112, 'LD-1012', 'THRIPUNITHURA', '9543210987'),
(113, 'LD-1013', 'KAKKANAD', '9432109876'),
(114, 'LD-1014', 'THEVARA', '9321098765'),
(115, 'LD-1015', 'WILLINGTON', '9210987654'),
(116, 'LD-1016', 'MATTANCHERRY', '9109876543'),
(117, 'LD-1017', 'FORT KOCHI', '9008765432'),
(118, 'LD-1018', 'PALARIVATTOM', '8997654321'),
(119, 'LD-1019', 'KALOOR', '8886543210'),
(120, 'LD-1020', 'PONNURUNNI', '8775432109'),
(121, 'LD-1021', 'KADAVANTHRA', '8664321098'),
(122, 'LD-1022', 'VYTTILA HUB', '8553210987'),
(123, 'LD-1023', 'ALUVA BRANCH 2', '8442109876'),
(124, 'LD-1024', 'MOOKKANNUR BRANCH 2', '8331098765'),
(125, 'LD-1025', 'ANGAMALY BRANCH 2', '8220987654'),
(126, 'LD-1026', 'KALADY BRANCH 2', '8119876543'),
(127, 'LD-1027', 'THURAVOOR BRANCH 2', '8008765432'),
(128, 'LD-1028', 'KARUKUTTY BRANCH 2', '7997654321'),

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(129, 'LD-1029', 'KANJOOR BRANCH 2', '7886543210'),
(130, 'LD-1030', 'KOTTAMAM BRANCH 2', '7775432109'),
(131, 'LD-1031', 'VADUTHALA', '7664321098'),
(132, 'LD-1032', 'VARAPUZHA', '7553210987'),
(133, 'LD-1033', 'MULAVUKAD', '7442109876'),
(134, 'LD-1034', 'KADAMAKUDY', '7331098765'),
(135, 'LD-1035', 'CHERANALLOOR', '7220987654'),
(136, 'LD-1036', 'KUMBALANGI', '7119876543'),
(137, 'LD-1037', 'ELOOR', '7008765432'),
(138, 'LD-1038', 'ELOOR BRANCH 2', '6997654321'),
(139, 'LD-1039', 'CHENGAMANAD', '6886543210'),
(140, 'LD-1040', 'ATHANI', '6775432109'),
(141, 'LD-1041', 'KUNNATHUNAD', '6664321098'),
(142, 'LD-1042', 'KIZHAKKAMBALAM', '6553210987'),
(143, 'LD-1043', 'EDATHALA', '6442109876'),
(144, 'LD-1044', 'THIRUVANIYOOR', '6331098765'),
(145, 'LD-1045', 'RAMAMANGALAM', '6220987654'),
(146, 'LD-1046', 'KOOTHATTUKULAM', '6119876543'),
(147, 'LD-1047', 'KOTHAMANGALAM', '6008765432'),
(148, 'LD-1048', 'NELLIKUZH', '5997654321'),
(149, 'LD-1049', 'KURUPPAMPADY', '5886543210'),
(150, 'LD-1050', 'MUVATTUPUZHA', '5775432109'),
(151, 'LD-1051', 'KUZHUPPILLY', '5664321098'),
(152, 'LD-1052', 'PALLURUTHY', '5553210987'),
(153, 'LD-1053', 'ELAMAKKARA', '5442109876'),
(154, 'LD-1054', 'PADIVATTOM', '5331098765'),
(155, 'LD-1055', 'KALAMASSERY', '5220987654'),
(156, 'LD-1056', 'PONNURUNNI BRANCH 2', '5119876543'),
(157, 'LD-1057', 'KOONAMTHAI', '5008765432'),
(158, 'LD-1058', 'PALLIMUKKU', '4997654321'),
(159, 'LD-1059', 'MUNAMBAM', '4886543210');

```

```
SELECT *FROM BRANCH;
```

```
CREATE table EMPLOYEE(EMP_ID varchar(50) PRIMARY KEY ,EMP_NAME VARCHAR(50), POSITION
VARCHAR(50),SALARY BIGINT, BRANCH_NO INT);
```

```
INSERT INTO EMPLOYEE(EMP_ID,EMP_NAME,POSITION,SALARY,BRANCH_NO)
```

VALUES

('EM-9001', 'JOSEPH', 'RECEPTIONIST', 50000, 101),
('EM-9002', 'MARTIN', 'CASHIER', 52000, 101),
('EM-9003', 'JAMES', 'RECEPTIONIST', 30000, 102),
('EM-9004', 'ROBERT', 'CASHIER', 45000, 102),
('EM-9005', 'JOHN', 'RECEPTIONIST', 50000, 103),
('EM-9006', 'MICHAEL', 'CASHIER', 75000, 103),
('EM-9007', 'DAVID', 'RECEPTIONIST', 54000, 104),
('EM-9008', 'WILLIAM', 'CASHIER', 34000, 104),
('EM-9009', 'RICHARD', 'RECEPTIONIST', 54000, 105),
('EM-9010', 'CHARLES', 'CASHIER', 36000, 105),
('EM-9011', 'THOMAS', 'RECEPTIONIST', 65000, 106),
('EM-9012', 'DANIEL', 'CASHIER', 52000, 106),
('EM-9013', 'MATTHEW', 'RECEPTIONIST', 50000, 107),
('EM-9014', 'ANTHONY', 'CASHIER', 76000, 107),
('EM-9015', 'MARK', 'RECEPTIONIST', 30000, 108),
('EM-9016', 'ANDREW', 'CASHIER', 45000, 108),
('EM-9017', 'DONALD', 'RECEPTIONIST', 65000, 109),
('EM-9018', 'GEORGE', 'CASHIER', 34000, 109),
('EM-9019', 'KENNETH', 'RECEPTIONIST', 50000, 110),
('EM-9020', 'PAUL', 'CASHIER', 43000, 110),
('EM-9021', 'STEVEN', 'RECEPTIONIST', 50000, 111),
('EM-9022', 'EDWARD', 'CASHIER', 34000, 111),
('EM-9023', 'BRIAN', 'RECEPTIONIST', 65000, 112),
('EM-9024', 'JASON', 'CASHIER', 60000, 112),
('EM-9025', 'JEREMY', 'RECEPTIONIST', 50000, 113),
('EM-9026', 'GARY', 'CASHIER', 68000, 113),
('EM-9027', 'JOE', 'RECEPTIONIST', 65000, 114),
('EM-9028', 'JACK', 'CASHIER', 34000, 114),
('EM-9029', 'JACOB', 'RECEPTIONIST', 30000, 115),
('EM-9030', 'ALBERT', 'CASHIER', 45000, 115),
('EM-9031', 'FRANK', 'RECEPTIONIST', 30000, 116),
('EM-9032', 'WAYNE', 'CASHIER', 45000, 116),
('EM-9033', 'ALEX', 'RECEPTIONIST', 50000, 117),
('EM-9034', 'PETER', 'CASHIER', 34000, 117),

('EM-9035', 'HARRY', 'RECEPTIONIST', 30000, 118),
('EM-9036', 'TOM', 'CASHIER', 45000, 118),
('EM-9037', 'NICHOLAS', 'RECEPTIONIST', 50000, 119),
('EM-9038', 'JULIAN', 'CASHIER', 45000, 119),
('EM-9039', 'JOHNATHAN', 'RECEPTIONIST', 50000, 120),
('EM-9040', 'ARNOLD', 'CASHIER', 34000, 120),
('EM-9041', 'JAMESON', 'RECEPTIONIST', 50000, 121),
('EM-9042', 'PHILLIP', 'CASHIER', 45000, 121),
('EM-9043', 'DEREK', 'RECEPTIONIST', 30000, 122),
('EM-9044', 'FRED', 'CASHIER', 45000, 122),
('EM-9045', 'CLARK', 'RECEPTIONIST', 30000, 123),
('EM-9046', 'LARRY', 'CASHIER', 45000, 123),
('EM-9047', 'ALAN', 'RECEPTIONIST', 50000, 124),
('EM-9048', 'ROGER', 'CASHIER', 34000, 124),
('EM-9049', 'WALTER', 'RECEPTIONIST', 50000, 125),
('EM-9050', 'RUSSELL', 'CASHIER', 45000, 125),
('EM-9051', 'HENRY', 'RECEPTIONIST', 50000, 126),
('EM-9052', 'JERRY', 'CASHIER', 45000, 126),
('EM-9053', 'FLOYD', 'RECEPTIONIST', 50000, 127),
('EM-9054', 'HAROLD', 'CASHIER', 45000, 127),
('EM-9055', 'EDWIN', 'RECEPTIONIST', 50000, 128),
('EM-9056', 'MORRIS', 'CASHIER', 45000, 128),
('EM-9057', 'BENJAMIN', 'RECEPTIONIST', 50000, 129),
('EM-9058', 'HOMER', 'CASHIER', 45000, 129),
('EM-9059', 'BARRY', 'RECEPTIONIST', 50000, 130),
('EM-9060', 'GLEN', 'CASHIER', 45000, 130),
('EM-9061', 'JIMMIE', 'RECEPTIONIST', 50000, 131),
('EM-9062', 'JIM', 'CASHIER', 45000, 131),
('EM-9063', 'DOUGLAS', 'RECEPTIONIST', 50000, 132),
('EM-9064', 'MATT', 'CASHIER', 45000, 132),
('EM-9065', 'LANCE', 'RECEPTIONIST', 50000, 133),
('EM-9066', 'LEONARD', 'CASHIER', 45000, 133),
('EM-9067', 'NORMAN', 'RECEPTIONIST', 50000, 134),
('EM-9068', 'GREGORY', 'CASHIER', 45000, 134),
('EM-9069', 'JOEL', 'RECEPTIONIST', 50000, 135),

('EM-9070', 'RICK', 'CASHIER', 45000, 135),
('EM-9071', 'RODNEY', 'RECEPTIONIST', 50000, 136),
('EM-9072', 'PHIL', 'CASHIER', 45000, 136),
('EM-9073', 'DENNIS', 'RECEPTIONIST', 50000, 137),
('EM-9074', 'DAVE', 'CASHIER', 45000, 137),
('EM-9075', 'EUGENE', 'RECEPTIONIST', 50000, 138),
('EM-9076', 'JONATHAN', 'CASHIER', 45000, 138),
('EM-9077', 'FRANCIS', 'RECEPTIONIST', 50000, 139),
('EM-9078', 'FELIX', 'CASHIER', 45000, 139),
('EM-9079', 'CLYDE', 'RECEPTIONIST', 50000, 140),
('EM-9080', 'DUANE', 'CASHIER', 45000, 140),
('EM-9081', 'JACKSON', 'RECEPTIONIST', 50000, 141),
('EM-9082', 'ROLAND', 'CASHIER', 45000, 141),
('EM-9083', 'HARVEY', 'RECEPTIONIST', 50000, 142),
('EM-9084', 'OTIS', 'CASHIER', 45000, 142),
('EM-9085', 'ALBERT', 'RECEPTIONIST', 50000, 143),
('EM-9086', 'CHARLIE', 'CASHIER', 45000, 143),
('EM-9087', 'ROBIN', 'RECEPTIONIST', 50000, 144),
('EM-9088', 'PERRY', 'CASHIER', 45000, 144),
('EM-9089', 'GLENN', 'RECEPTIONIST', 50000, 145),
('EM-9090', 'MITCHELL', 'CASHIER', 45000, 145),
('EM-9091', 'JESSE', 'RECEPTIONIST', 50000, 146),
('EM-9092', 'TERRY', 'CASHIER', 45000, 146),
('EM-9093', 'ALLEN', 'RECEPTIONIST', 50000, 147),
('EM-9094', 'WALLACE', 'CASHIER', 45000, 147),
('EM-9095', 'HARLAN', 'RECEPTIONIST', 50000, 148),
('EM-9096', 'BRADLEY', 'CASHIER', 45000, 148),
('EM-9097', 'JAY', 'RECEPTIONIST', 50000, 149),
('EM-9098', 'LLOYD', 'CASHIER', 45000, 149),
('EM-9099', 'LUKE', 'RECEPTIONIST', 50000, 150),
('EM-9100', 'TOMMY', 'CASHIER', 45000, 150),
('EM-9101', 'CARL', 'RECEPTIONIST', 50000, 151),
('EM-9102', 'VINCENT', 'CASHIER', 45000, 151),
('EM-9103', 'DAN', 'RECEPTIONIST', 50000, 152),
('EM-9104', 'LEON', 'CASHIER', 45000, 152),

('EM-9105', 'ERNEST', 'RECEPTIONIST', 50000, 153),
('EM-9106', 'DERRICK', 'CASHIER', 45000, 153),
('EM-9107', 'EDDIE', 'RECEPTIONIST', 50000, 154),
('EM-9108', 'NATHAN', 'CASHIER', 45000, 154),
('EM-9109', 'ROY', 'RECEPTIONIST', 50000, 155),
('EM-9110', 'JESSE', 'CASHIER', 45000, 155),
('EM-9111', 'HERMAN', 'RECEPTIONIST', 50000, 156),
('EM-9112', 'JERRY', 'CASHIER', 45000, 156),
('EM-9113', 'ERNIE', 'RECEPTIONIST', 50000, 157),
('EM-9114', 'ELMER', 'CASHIER', 45000, 157),
('EM-9115', 'CLEVELAND', 'RECEPTIONIST', 50000, 158),
('EM-9116', 'HOMER', 'CASHIER', 45000, 158),
('EM-9117', 'JON', 'RECEPTIONIST', 50000, 159),
('EM-9118', 'JIMMY', 'CASHIER', 45000, 159);

INSERT INTO Employee(Emp_Id, Emp_name, Position, Salary, Branch_no) VALUES

('LD-1001', 'Rajesh Kumar', 'Manager', 60000.00, 101),
('LD-1002', 'Aarti Sharma', 'Manager', 65000.00, 102),
('LD-1003', 'Vikram Patel', 'Manager', 70000.00, 103),
('LD-1004', 'Neha Gupta', 'Manager', 55000.00, 104),
('LD-1005', 'Ravi Singh', 'Manager', 75000.00, 105),
('LD-1006', 'Priya Reddy', 'Manager', 80000.00, 106),
('LD-1007', 'Suresh Rao', 'Manager', 90000.00, 107),
('LD-1008', 'Kavita Mehta', 'Manager', 85000.00, 108),
('LD-1009', 'Anil Joshi', 'Manager', 95000.00, 109),
('LD-1010', 'Sonia Verma', 'Manager', 52000.00, 110),
('LD-1011', 'Arun Sharma', 'Manager', 55000.00, 111),
('LD-1012', 'Manisha Kumar', 'Manager', 60000.00, 112),
('LD-1013', 'Ravi Patel', 'Manager', 67000.00, 113),
('LD-1014', 'Rita Desai', 'Manager', 73000.00, 114),
('LD-1015', 'Raj Kumar', 'Manager', 56000.00, 115),
('LD-1016', 'Amit Singh', 'Manager', 58000.00, 116),
('LD-1017', 'Meera Soni', 'Manager', 63000.00, 117),
('LD-1018', 'Deepak Agarwal', 'Manager', 62000.00, 118),
('LD-1019', 'Swati Shah', 'Manager', 59000.00, 119),

('LD-1020', 'Kiran Gupta', 'Manager', 70000.00, 120),
('LD-1021', 'Ramesh Nair', 'Manager', 71000.00, 121),
('LD-1022', 'Simran Kaur', 'Manager', 72000.00, 122),
('LD-1023', 'Vijay Raj', 'Manager', 74000.00, 123),
('LD-1024', 'Anju Rawat', 'Manager', 75000.00, 124),
('LD-1025', 'Sanjay Kumar', 'Manager', 76000.00, 125),
('LD-1026', 'Pooja Yadav', 'Manager', 77000.00, 126),
('LD-1027', 'Karan Bhatia', 'Manager', 78000.00, 127),
('LD-1028', 'Nisha Chauhan', 'Manager', 79000.00, 128),
('LD-1029', 'Ashok Pandey', 'Manager', 80000.00, 129),
('LD-1030', 'Kriti Jain', 'Manager', 81000.00, 130),
('LD-1031', 'Rohit Malhotra', 'Manager', 82000.00, 131),
('LD-1032', 'Asha Sharma', 'Manager', 83000.00, 132),
('LD-1033', 'Rajiv Prasad', 'Manager', 84000.00, 133),
('LD-1034', 'Geeta Mehta', 'Manager', 85000.00, 134),
('LD-1035', 'Nitin Verma', 'Manager', 86000.00, 135),
('LD-1036', 'Aarti Kapoor', 'Manager', 87000.00, 136),
('LD-1037', 'Sandeep Bansal', 'Manager', 88000.00, 137),
('LD-1038', 'Neeraj Joshi', 'Manager', 89000.00, 138),
('LD-1039', 'Sheetal Sethi', 'Manager', 90000.00, 139),
('LD-1040', 'Amitabh Bhardwaj', 'Manager', 91000.00, 140),
('LD-1041', 'Ritu Sinha', 'Manager', 92000.00, 141),
('LD-1042', 'Naveen Kumar', 'Manager', 93000.00, 142),
('LD-1043', 'Anju Singh', 'Manager', 94000.00, 143),
('LD-1044', 'Kunal Arora', 'Manager', 95000.00, 144),
('LD-1045', 'Maya Agarwal', 'Manager', 96000.00, 145),
('LD-1046', 'Gaurav Patel', 'Manager', 97000.00, 146),
('LD-1047', 'Tanuja Sharma', 'Manager', 98000.00, 147),
('LD-1048', 'Sunil Kumar', 'Manager', 99000.00, 148),
('LD-1049', 'Ritika Jain', 'Manager', 100000.00, 149),
('LD-1050', 'Varun Desai', 'Manager', 105000.00, 150),
('LD-1051', 'Anita Gupta', 'Manager', 110000.00, 151),
('LD-1052', 'Amit Kumar', 'Manager', 115000.00, 152),
('LD-1053', 'Pankaj Yadav', 'Manager', 120000.00, 153),
('LD-1054', 'Kavita Rao', 'Manager', 125000.00, 154),

```
('LD-1055', 'Nikhil Sharma', 'Manager', 130000.00, 155),  
('LD-1056', 'Seema Agarwal', 'Manager', 135000.00, 156),  
('LD-1057', 'Ravi Kapoor', 'Manager', 140000.00, 157),  
('LD-1058', 'Geeta Sharma', 'Manager', 145000.00, 158),  
('LD-1059', 'Vikas Gupta', 'Manager', 150000.00, 159);
```

```
INSERT INTO EMPLOYEE (EMP_ID, EMP_NAME, POSITION, SALARY, BRANCH_NO) VALUES
```

```
('EM-9124', 'JULIA', 'TEAM_LEADER', 80000, 101),  
('EM-9125', 'ALEX', 'COORDINATOR', 75000, 101),  
('EM-9126', 'LINDA', 'ASSISTANT', 55000, 101),  
('EM-9127', 'BETH', 'TEAM_LEADER', 78000, 102),  
('EM-9128', 'OLIVER', 'TECHNICIAN', 70000, 102),  
('EM-9139', 'MATT', 'SUPERVISOR', 70000, 102),  
('EM-9130', 'SANDRA', 'COORDINATOR', 77000, 103),  
('EM-9131', 'BRIAN', 'TECHNICIAN', 69000, 103),  
('EM-9132', 'SARAH', 'MANAGER', 95000, 103),  
('EM-9133', 'ELLA', 'TEAM_LEADER', 81000, 104),  
('EM-9134', 'TOM', 'COORDINATOR', 73000, 104),  
('EM-9135', 'NINA', 'ASSISTANT', 56000, 104),  
('EM-9136', 'CHRIS', 'TECHNICIAN', 72000, 106),  
('EM-9137', 'KAREN', 'TEAM_LEADER', 79000, 106),  
('EM-9138', 'GREG', 'SUPERVISOR', 72000, 106),  
('EM-9140', 'NORA', 'COORDINATOR', 74000, 115),  
('EM-9141', 'SAM', 'TECHNICIAN', 71000, 115),  
('EM-9142', 'LISA', 'ASSISTANT', 57000, 115);
```

```
SELECT * FROM EMPLOYEE;
```

```
create TABLE BOOKS(ISBN varchar(50) primary key,BOOK_TITLE varchar(50),CATEGORY varchar(50),  
RENTAL_PRICE INT, STATUS varchar(30),AUTHOR varchar(50),PUBLISHER varchar(50));  
alter TABLE BOOKS modify COLUMN RENTAL_PRICE float;  
INSERT INTO Books (ISBN, Book_title, Category, Rental_Price, Status, Author, Publisher) VALUES  
('10-1001', 'The Great Adventure', 'Adventure', 12.50, 'yes', 'John Doe', 'Adventure Books Inc.'),
```


('10-1002', 'Mystery of the Lost City', 'Mystery', 15.75, 'no', 'Jane Smith', 'Mystery Publishers'),
('10-1003', 'Love and War', 'Romance', 10.00, 'yes', 'Emily Johnson', 'Romance Press'),
('10-1004', 'Journey to the Unknown', 'Sci-Fi', 18.99, 'yes', 'Michael Brown', 'Sci-Fi World'),
('10-1005', 'History Revisited', 'History', 22.50, 'no', 'Alice Davis', 'History Today'),
('10-1006', 'The Last Stand', 'Action', 14.00, 'yes', 'Robert Wilson', 'Action House'),
('10-1007', 'Culinary Delights', 'Cookbook', 20.00, 'yes', 'Linda Martinez', 'Cookbook Central'),
('10-1008', 'Under the Sea', 'Children', 8.75, 'yes', 'Sarah Taylor', 'Children\'s Books Inc.'),
('10-1009', 'Haunting Shadows', 'Horror', 16.00, 'no', 'David Anderson', 'Horror Tales'),
('10-1010', 'Tech Revolution', 'Technology', 25.00, 'yes', 'Karen Lewis', 'Tech Reads'),
('10-1011', 'The Art of War', 'Classic', 12.99, 'yes', 'Sun Tzu', 'Classics Press'),
('10-1012', 'The Future of Space', 'Sci-Fi', 17.50, 'no', 'Mark Green', 'Space Vision'),
('10-1013', 'Love in the Time of Cholera', 'Romance', 11.99, 'yes', 'Gabriel Garcia Marquez', 'Romantic Classics'),
('10-1014', 'The Great Gatsby', 'Classic', 14.75, 'yes', 'F. Scott Fitzgerald', 'Literary Classics'),
('10-1015', 'Sapiens', 'Non-Fiction', 19.00, 'yes', 'Yuval Noah Harari', 'Non-Fiction Reads'),
('10-1016', 'The Road Less Traveled', 'Self-Help', 13.25, 'yes', 'M. Scott Peck', 'Self-Help Press'),
('10-1017', 'The Shining', 'Horror', 16.50, 'no', 'Stephen King', 'Horror Publishing'),
('10-1018', 'The Catcher in the Rye', 'Fiction', 14.00, 'yes', 'J.D. Salinger', 'Fiction House'),
('10-1019', 'Pride and Prejudice', 'Classic', 10.25, 'yes', 'Jane Austen', 'Classic Reads'),
('10-1020', 'The Da Vinci Code', 'Thriller', 18.75, 'yes', 'Dan Brown', 'Thriller Books'),
('10-1021', 'Educated', 'Memoir', 21.00, 'no', 'Tara Westover', 'Memoir Publishing'),
('10-1022', 'Circe', 'Fantasy', 19.50, 'yes', 'Madeline Miller', 'Fantasy House'),
('10-1023', 'The Goldfinch', 'Literary Fiction', 22.00, 'yes', 'Donna Tartt', 'Literary Press'),
('10-1024', 'Dune', 'Science Fiction', 24.00, 'no', 'Frank Herbert', 'Sci-Fi World'),
('10-1025', 'Little Fires Everywhere', 'Drama', 15.50, 'yes', 'Celeste Ng', 'Drama Central'),
('10-1026', 'Where the Crawdads Sing', 'Fiction', 18.00, 'yes', 'Delia Owens', 'Fiction Press'),
('10-1027', 'The Institute', 'Horror', 17.50, 'yes', 'Stephen King', 'Horror House'),
('10-1028', 'Before We Were Strangers', 'Romance', 14.25, 'yes', 'Renée Carlino', 'Romantic Press'),
('10-1029', 'The Seven Husbands of Evelyn Hugo', 'Historical Fiction', 16.75, 'no', 'Taylor Jenkins Reid', 'Historical Reads'),
('10-1030', 'The Woman in Cabin 10', 'Thriller', 15.00, 'yes', 'Ruth Ware', 'Thriller Publishing'),
('10-1031', 'The Tattooist of Auschwitz', 'Historical Fiction', 19.25, 'yes', 'Heather Morris', 'Historical Books'),
('10-1032', 'Big Little Lies', 'Drama', 17.00, 'yes', 'Liane Moriarty', 'Drama Publishers'),
('10-1033', 'Circe', 'Fantasy', 18.25, 'yes', 'Madeline Miller', 'Fantasy Central'),
('10-1034', 'An American Marriage', 'Contemporary Fiction', 20.50, 'no', 'Tayari Jones', 'Contemporary Reads'),

('10-1035', 'The Lovely Bones', 'Fiction', 12.00, 'yes', 'Alice Sebold', 'Fiction House'),

('10-1036', 'The Brothers Karamazov', 'Classic', 13.75, 'yes', 'Fyodor Dostoevsky', 'Classic Publishing'),

('10-1037', 'The City We Became', 'Fantasy', 19.00, 'yes', 'N.K. Jemisin', 'Fantasy Press'),

('10-1038', 'The Chain', 'Thriller', 16.50, 'yes', 'Adrian McKinty', 'Thriller House'),

('10-1039', 'The Immortalists', 'Fiction', 17.25, 'yes', 'Chloe Benjamin', 'Fiction Central'),

('10-1040', 'The Testaments', 'Dystopian', 15.50, 'yes', 'Margaret Atwood', 'Dystopian Press'),

('10-1041', 'The Light We Lost', 'Contemporary Fiction', 14.75, 'no', 'Jill Santopolo', 'Contemporary House'),

('10-1042', 'The Road', 'Post-apocalyptic', 13.50, 'yes', 'Cormac McCarthy', 'Post-apocalyptic Books'),

('10-1043', 'The Hobbit', 'Fantasy', 10.99, 'yes', 'J.R.R. Tolkien', 'Fantasy World'),

('10-1044', 'Brave New World', 'Dystopian', 16.00, 'no', 'Aldous Huxley', 'Dystopian Publishing'),

('10-1045', 'The Silent Patient', 'Thriller', 18.00, 'yes', 'Alex Michaelides', 'Thriller Central'),

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(1200372, 'BRIA_WRIGHT', 'THIRUVANANTHAPURAM, KERALA', '2023-06-21'),
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(1200374, 'DEREK_BROWN', 'KOZHIKODE, KERALA', '2021-09-29'),
(1200375, 'EVELYN_ANDERSON', 'NORTH_PARAVUR, KERALA', '2022-02-27'),
(1200376, 'FRANKLIN_TAYLOR', 'KOTTAYAM, KERALA', '2023-04-06'),
(1200377, 'GRACE_JOHNSON', 'CHALAKUDY, KERALA', '2020-08-05'),
(1200378, 'HENRY_HARRIS', 'PERUMBAVOOR, KERALA', '2021-09-19'),
(1200379, 'ISLA_WILSON', 'KOCHI, KERALA', '2022-06-02'),
(1200380, 'JAMES_BROWN', 'THIRUVANANTHAPURAM, KERALA', '2023-07-15'),
(1200381, 'KAREN_SCOTT', 'KOLLAM, KERALA', '2020-10-19'),
(1200382, 'LUCAS_JOHNSON', 'KOZHIKODE, KERALA', '2021-11-18'),
(1200383, 'MIA_MARTIN', 'NORTH_PARAVUR, KERALA', '2022-03-01'),
(1200384, 'NATHAN_LEE', 'KOTTAYAM, KERALA', '2023-03-11'),
(1200385, 'OLIVIA_JAMES', 'CHALAKUDY, KERALA', '2020-08-21'),
(1200386, 'PETER_WRIGHT', 'PERUMBAVOOR, KERALA', '2021-09-21'),
(1200387, 'QUINN_BROWN', 'KOCHI, KERALA', '2022-05-25'),
(1200388, 'RACHEL_ANDERSON', 'THIRUVANANTHAPURAM, KERALA', '2023-06-27'),
(1200389, 'SAMUEL_TAYLOR', 'KOLLAM, KERALA', '2020-11-05'),
(1200390, 'TINA_JOHNSON', 'KOZHIKODE, KERALA', '2021-10-14'),
(1200391, 'URSULA_MARTIN', 'NORTH_PARAVUR, KERALA', '2022-01-24'),
(1200392, 'VICTOR_LEE', 'KOTTAYAM, KERALA', '2023-04-02'),
(1200393, 'WILLOW_JAMES', 'CHALAKUDY, KERALA', '2020-07-29'),
(1200394, 'XANDER_WRIGHT', 'PERUMBAVOOR, KERALA', '2021-08-07'),
(1200395, 'YASMIN_SCOTT', 'KOCHI, KERALA', '2022-06-07'),
(1200396, 'ZOE_BROWN', 'THIRUVANANTHAPURAM, KERALA', '2023-07-12'),
(1200397, 'ALEX_JOHNSON', 'KOLLAM, KERALA', '2020-10-09'),
(1200398, 'BRIA_MARTIN', 'KOZHIKODE, KERALA', '2021-11-19'),
(1200399, 'CAMILLE_LEE', 'NORTH_PARAVUR, KERALA', '2022-03-10'),
(1200400, 'DEREK_JAMES', 'KOTTAYAM, KERALA', '2023-03-26'),
(1200401, 'EVELYN_WRIGHT', 'CHALAKUDY, KERALA', '2020-08-16'),

(1200402, 'FRANKLIN_SCOTT', 'PERUMBAVOOR, KERALA', '2021-09-28'),
(1200403, 'GRACE_BROWN', 'KOCHI, KERALA', '2022-05-02'),
(1200404, 'HENRY_ANDERSON', 'THIRUVANANTHAPURAM, KERALA', '2023-06-30'),
(1200405, 'ISLA_TAYLOR', 'KOLLAM, KERALA', '2020-11-25'),
(1200406, 'JAMES_JOHNSON', 'KOZHIKODE, KERALA', '2021-10-24'),
(1200407, 'KAREN_MARTIN', 'NORTH_PARAVUR, KERALA', '2022-01-28'),
(1200408, 'LUCAS_LEE', 'KOTTAYAM, KERALA', '2023-02-19'),
(1200409, 'MIA_JAMES', 'CHALAKUDY, KERALA', '2020-07-12'),
(1200410, 'NATHAN_WRIGHT', 'PERUMBAVOOR, KERALA', '2021-08-16'),
(1200411, 'OLIVIA_SCOTT', 'KOCHI, KERALA', '2022-06-13'),
(1200412, 'PETER_BROWN', 'THIRUVANANTHAPURAM, KERALA', '2023-07-05'),
(1200413, 'QUINN_ANDERSON', 'KOLLAM, KERALA', '2020-10-23'),
(1200414, 'RACHEL_TAYLOR', 'KOZHIKODE, KERALA', '2021-11-06'),
(1200415, 'SAMUEL_JOHNSON', 'NORTH_PARAVUR, KERALA', '2022-02-14'),
(1200416, 'TINA_MARTIN', 'KOTTAYAM, KERALA', '2023-03-31'),
(1200417, 'URSULA_LEE', 'CHALAKUDY, KERALA', '2020-09-07'),
(1200418, 'VICTOR_JAMES', 'PERUMBAVOOR, KERALA', '2021-08-04'),
(1200419, 'WILLOW_WRIGHT', 'KOCHI, KERALA', '2022-05-23'),
(1200420, 'XANDER_SCOTT', 'THIRUVANANTHAPURAM, KERALA', '2023-06-16'),
(1200421, 'YASMIN_BROWN', 'KOLLAM, KERALA', '2020-10-08'),
(1200422, 'ZOE_ANDERSON', 'KOZHIKODE, KERALA', '2021-11-20'),
(1200423, 'ALEX_TAYLOR', 'NORTH_PARAVUR, KERALA', '2022-01-25'),
(1200424, 'BRIA_JOHNSON', 'KOTTAYAM, KERALA', '2023-03-17'),
(1200425, 'CAMILLE_MARTIN', 'CHALAKUDY, KERALA', '2020-08-01'),
(1200426, 'DEREK_LEE', 'PERUMBAVOOR, KERALA', '2021-08-10'),
(1200427, 'EVELYN_JAMES', 'KOCHI, KERALA', '2022-05-04'),
(1200428, 'FRANKLIN_WRIGHT', 'THIRUVANANTHAPURAM, KERALA', '2023-07-09'),
(1200429, 'GRACE_SCOTT', 'KOLLAM, KERALA', '2020-11-14');

SELECT *FROM CUSTOMER;

insert INTO CUSTOMER values

(1200430, 'BRIA_SANDERS', 'KOLLAM, KERALA', '2020-10-19'),
(1200431, 'CAMILLE_TAYLOR', 'KOZHIKODE, KERALA', '2021-12-09'),
(1200432, 'DEREK_ANDERSON', 'ALAPPUZHA, KERALA', '2022-04-01'),
(1200433, 'EVELYN_SCOTT', 'NORTH_PARAVUR, KERALA', '2023-06-22'),
(1200434, 'FRANKLIN_WILSON', 'KOTTAYAM, KERALA', '2020-11-04'),

(1200435, 'GRACE_BROWN', 'CHALAKUDY, KERALA', '2021-09-28'),
(1200436, 'HENRY_JOHNSON', 'PERUMBAVOOR, KERALA', '2022-02-15'),
(1200437, 'ISLA_MURPHY', 'KOCHI, KERALA', '2023-05-19'),
(1200438, 'JAMES_LEWIS', 'THIRUVANANTHAPURAM, KERALA', '2020-08-27'),
(1200439, 'KAREN_SANDERS', 'KOLLAM, KERALA', '2021-12-05'),
(1200440, 'LUCAS_WRIGHT', 'KOZHIKODE, KERALA', '2022-03-14'),
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(1200442, 'NATHAN_ANDERSON', 'NORTH_PARAVUR, KERALA', '2020-09-23'),
(1200443, 'OLIVIA_JAMES', 'KOTTAYAM, KERALA', '2021-10-11'),
(1200444, 'PETER_MURPHY', 'CHALAKUDY, KERALA', '2022-06-16'),
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(1200446, 'RACHEL_WILSON', 'KOCHI, KERALA', '2020-12-12'),
(1200447, 'SAMUEL_TAYLOR', 'THIRUVANANTHAPURAM, KERALA', '2021-07-03'),
(1200448, 'TINA_LEWIS', 'KOLLAM, KERALA', '2022-01-27'),
(1200449, 'URSULA_BROWN', 'KOZHIKODE, KERALA', '2023-06-09'),
(1200450, 'VICTOR_JOHNSON', 'ALAPPUZHA, KERALA', '2020-10-21'),
(1200451, 'WILLOW_TAYLOR', 'NORTH_PARAVUR, KERALA', '2021-12-17'),
(1200452, 'XANDER_MURPHY', 'KOTTAYAM, KERALA', '2022-02-07'),
(1200453, 'YASMIN_SANDERS', 'CHALAKUDY, KERALA', '2023-05-11'),
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(1200455, 'ALEX_BROWN', 'KOCHI, KERALA', '2021-08-22'),
(1200456, 'BRIA_JOHNSON', 'THIRUVANANTHAPURAM, KERALA', '2022-03-04'),
(1200457, 'CAMILLE_TAYLOR', 'KOLLAM, KERALA', '2023-07-15'),
(1200458, 'DEREK_SANDERS', 'KOZHIKODE, KERALA', '2020-11-13'),
(1200459, 'EVELYN_MURPHY', 'ALAPPUZHA, KERALA', '2021-10-01'),
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(1200462, 'HENRY_TAYLOR', 'CHALAKUDY, KERALA', '2020-12-14'),
(1200463, 'ISLA_SCOTT', 'PERUMBAVOOR, KERALA', '2021-09-04'),
(1200464, 'JAMES_WRIGHT', 'KOCHI, KERALA', '2022-03-19'),
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(1200466, 'LUCAS_JOHNSON', 'KOLLAM, KERALA', '2020-07-19'),
(1200467, 'MIA_BROWN', 'KOZHIKODE, KERALA', '2021-11-20'),
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(1200469, 'OLIVIA_MURPHY', 'NORTH_PARAVUR, KERALA', '2023-04-06'),

(1200470, 'PETER_SCOTT', 'KOTTAYAM, KERALA', '2020-08-16'),
 (1200471, 'QUINN_WILSON', 'CHALAKUDY, KERALA', '2021-12-01'),
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 (1200473, 'SAMUEL_JAMES', 'KOCHI, KERALA', '2023-06-07'),
 (1200474, 'TINA_TAYLOR', 'THIRUVANANTHAPURAM, KERALA', '2020-11-10'),
 (1200475, 'URSULA_MURPHY', 'KOLLAM, KERALA', '2021-09-25'),
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 (1200483, 'CAMILLE_JOHNSON', 'THIRUVANANTHAPURAM, KERALA', '2021-12-12'),
 (1200484, 'DEREK_MURPHY', 'KOLLAM, KERALA', '2022-03-21'),
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 (1200489, 'ISLA_WILSON', 'CHALAKUDY, KERALA', '2023-05-23'),
 (1200490, 'JAMES_SANDERS', 'PERUMBAVOOR, KERALA', '2020-07-22'),
 (1200491, 'KAREN_MURPHY', 'KOCHI, KERALA', '2021-10-19'),
 (1200492, 'LUCAS_BROWN', 'THIRUVANANTHAPURAM, KERALA', '2022-02-15'),
 (1200493, 'MIA_SCOTT', 'KOLLAM, KERALA', '2023-04-12'),
 (1200494, 'NATHAN_JOHNSON', 'KOZHIKODE, KERALA', '2020-11-05'),
 (1200495, 'OLIVIA_TAYLOR', 'ALAPPUZHA, KERALA', '2021-12-08'),
 (1200496, 'PETER_WILSON', 'NORTH_PARAVUR, KERALA', '2022-05-20'),
 (1200497, 'QUINN_MURPHY', 'KOTTAYAM, KERALA', '2023-08-07'),
 (1200498, 'RACHEL_JAMES', 'CHALAKUDY, KERALA', '2020-09-22'),
 (1200499, 'SAMUEL_TAYLOR', 'PERUMBAVOOR, KERALA', '2021-11-01'),
 (1200500, 'TINA_SCOTT', 'KOCHI, KERALA', '2022-02-12');

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create table issuestatus(issue_id int primary key,issued_cust int,
issued_book_name varchar(50),issue_date date,isbn_book varchar(50),
foreign key(issued_cust) references customer(customer_id),
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foreign key (isbn_book) references books(isbn));

USE LIBRARY_MANAGEMENT;

INSERT INTO IssueStatus (Issue_Id, Issued_cust, Issued_book_name, Issue_date, isbn_book) VALUES
(1, 1200001, 'The Great Adventure', '2024-01-01', '10-1001'),
(2, 1200002, 'Mystery of the Lost City', '2024-01-02', '10-1002');

INSERT INTO IssueStatus VALUE
(3, 1200003, 'Love and War', '2024-01-03', '10-1003');

INSERT INTO IssueStatus VALUES
(4, 1200204, 'Journey to the Unknown', '2024-01-04', '10-1004'),
(5, 1200205, 'History Revisited', '2024-01-05', '10-1005'),
(6, 1200206, 'The Last Stand', '2024-01-06', '10-1006'),
(7, 1200207, 'Culinary Delights', '2024-01-07', '10-1007'),
(8, 1200208, 'Under the Sea', '2024-01-08', '10-1008'),
(9, 1200209, 'Haunting Shadows', '2024-01-09', '10-1009'),
(10, 1200210, 'Tech Revolution', '2024-01-10', '10-1010'),
(11, 1200211, 'The Art of War', '2024-01-11', '10-1011'),
(12, 1200212, 'The Future of Space', '2024-01-12', '10-1012'),
(13, 1200213, 'Love in the Time of Cholera', '2024-01-13', '10-1013'),
(14, 1200214, 'The Great Gatsby', '2024-01-14', '10-1014'),
(15, 1200215, 'Sapiens', '2024-01-15', '10-1015'),
(16, 1200216, 'The Road Less Traveled', '2024-01-16', '10-1016'),
(17, 1200217, 'The Shining', '2024-01-17', '10-1017'),
(18, 1200218, 'The Catcher in the Rye', '2024-01-18', '10-1018'),
(19, 1200219, 'Pride and Prejudice', '2024-01-19', '10-1019'),
(20, 1200220, 'The Da Vinci Code', '2024-01-20', '10-1020'),
(21, 1200221, 'Educated', '2024-01-21', '10-1021'),
(22, 1200222, 'Circe', '2024-01-22', '10-1022'),
(23, 1200223, 'The Goldfinch', '2024-01-23', '10-1023'),
(24, 1200224, 'Dune', '2024-01-24', '10-1024'),
(25, 1200225, 'Little Fires Everywhere', '2024-01-25', '10-1025'),
(26, 1200226, 'Where the Crawdads Sing', '2024-01-26', '10-1026'),
(27, 1200227, 'The Institute', '2024-01-27', '10-1027'),
(28, 1200228, 'Before We Were Strangers', '2024-01-28', '10-1028'),
(29, 1200229, 'The Seven Husbands of Evelyn Hugo', '2024-01-29', '10-1029'),
(30, 1200230, 'The Woman in Cabin 10', '2024-01-30', '10-1030'),

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(31, 1200231, 'The Tattooist of Auschwitz', '2024-01-31', '10-1031'),
(32, 1200232, 'Big Little Lies', '2024-02-01', '10-1032'),
(33, 1200233, 'Circe', '2024-02-02', '10-1033'),
(34, 1200234, 'An American Marriage', '2024-02-03', '10-1034'),
(35, 1200235, 'The Lovely Bones', '2024-02-04', '10-1035'),
(36, 1200236, 'The Brothers Karamazov', '2024-02-05', '10-1036'),
(37, 1200237, 'The City We Became', '2024-02-06', '10-1037'),
(38, 1200238, 'The Chain', '2024-02-07', '10-1038'),
(39, 1200239, 'The Immortalists', '2024-02-08', '10-1039'),
(40, 1200240, 'The Testaments', '2024-02-09', '10-1040'),
(41, 1200241, 'The Light We Lost', '2024-02-10', '10-1041'),
(42, 1200242, 'The Road', '2024-02-11', '10-1042'),
(43, 1200243, 'The Hobbit', '2024-02-12', '10-1043'),
(44, 1200244, 'Brave New World', '2024-02-13', '10-1044'),
(45, 1200245, 'The Silent Patient', '2024-02-14', '10-1045'),
(46, 1200246, 'The Da Vinci Code', '2024-02-15', '10-1046'),
(47, 1200247, 'The Catcher in the Rye', '2024-02-16', '10-1047'),
(48, 1200248, 'Pride and Prejudice', '2024-02-17', '10-1048'),
(49, 1200249, 'The Road Less Traveled', '2024-02-18', '10-1049'),
(50, 1200250, 'Educated', '2024-02-19', '10-1050'),
(51, 1200251, 'The Goldfinch', '2024-02-20', '10-1051'),
(52, 1200252, 'Dune', '2024-02-21', '10-1052'),
(53, 1200253, 'Little Fires Everywhere', '2024-02-22', '10-1053'),
(54, 1200254, 'Where the Crawdads Sing', '2024-02-23', '10-1054'),
(55, 1200255, 'The Institute', '2024-02-24', '10-1055'),
(56, 1200256, 'Before We Were Strangers', '2024-02-25', '10-1056'),
(57, 1200257, 'The Seven Husbands of Evelyn Hugo', '2024-02-26', '10-1057'),
(58, 1200258, 'The Woman in Cabin 10', '2024-02-27', '10-1058'),
(59, 1200259, 'The Tattooist of Auschwitz', '2024-02-28', '10-1059'),
(60, 1200260, 'Big Little Lies', '2024-02-29', '10-1060'),
(61, 1200261, 'Circe', '2024-03-01', '10-1061'),
(62, 1200262, 'An American Marriage', '2024-03-02', '10-1062'),
(63, 1200263, 'The Lovely Bones', '2024-03-03', '10-1063'),
(64, 1200264, 'The Brothers Karamazov', '2024-03-04', '10-1064'),
(65, 1200265, 'The City We Became', '2024-03-05', '10-1065'),

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(66, 1200266, 'The Chain', '2024-03-06', '10-1066'),
(67, 1200267, 'The Immortalists', '2024-03-07', '10-1067'),
(68, 1200268, 'The Testaments', '2024-03-08', '10-1068'),
(69, 1200269, 'The Light We Lost', '2024-03-09', '10-1069'),
(70, 1200270, 'The Road', '2024-03-10', '10-1070'),
(71, 1200271, 'The Hobbit', '2024-03-11', '10-1071'),
(72, 1200272, 'Brave New World', '2024-03-12', '10-1072'),
(73, 1200273, 'The Silent Patient', '2024-03-13', '10-1073'),
(74, 1200274, 'The Da Vinci Code', '2024-03-14', '10-1074');

SELECT* FROM ISSUESTATUS;

USE LIBRARY_MANAGEMENT;

CREATE TABLE RETURNSTATUS( RETURN_ID INT primary KEY, RETURN_CUST varchar(50),
RETURN_BOOK_NAME varchar(50),RETURN_DATE DATE,ISBN_BOOK2 varchar(50),
FOREIGN KEY (ISBN_BOOK2) REFERENCES BOOKS(ISBN));

alter table RETURNSTATUS modify COLUMN RETURN_CUST INT;

DESC RETURNSTATUS;

insert INTO
RETURNSTATUS(RETURN_ID,RETURN_CUST,RETURN_BOOK_NAME,RETURN_DATE,ISBN_BOOK2)
VALUES

(1, 1200001, 'The Great Adventure', '2024-07-27', '10-1001'),
(2, 1200002, 'Mystery of the Lost City', '2024-07-28', '10-1002'),
(3, 1200003, 'Love and War', '2024-07-29', '10-1003'),
(4, 1200204, 'Journey to the Unknown', '2024-07-30', '10-1004'),
(5, 1200205, 'History Revisited', '2024-07-31', '10-1005'),
(6, 1200206, 'The Last Stand', '2024-08-01', '10-1006'),
(7, 1200207, 'Culinary Delights', '2024-08-02', '10-1007'),
(8, 1200208, 'Under the Sea', '2024-08-03', '10-1008'),
(9, 1200209, 'Haunting Shadows', '2024-08-04', '10-1009'),
(10, 1200210, 'Tech Revolution', '2024-08-05', '10-1010'),
(11, 1200211, 'The Art of War', '2024-08-06', '10-1011'),
(12, 1200212, 'The Future of Space', '2024-08-07', '10-1012'),
(13, 1200213, 'Love in the Time of Cholera', '2024-08-08', '10-1013'),
(14, 1200214, 'The Great Gatsby', '2024-08-09', '10-1014'),
(15, 1200215, 'Sapiens', '2024-08-10', '10-1015'),
(16, 1200216, 'The Road Less Traveled', '2024-08-11', '10-1016'),
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(17, 1200217, 'The Shining', '2024-08-12', '10-1017'),
(18, 1200218, 'The Catcher in the Rye', '2024-08-13', '10-1018'),
(19, 1200219, 'Pride and Prejudice', '2024-08-14', '10-1019'),
(20, 1200220, 'The Da Vinci Code', '2024-08-15', '10-1020'),
(21, 1200221, 'Educated', '2024-08-16', '10-1021'),
(22, 1200222, 'Circe', '2024-08-17', '10-1022'),
(23, 1200223, 'The Goldfinch', '2024-08-18', '10-1023'),
(24, 1200224, 'Dune', '2024-08-19', '10-1024'),
(25, 1200225, 'Little Fires Everywhere', '2024-08-20', '10-1025'),
(26, 1200226, 'Where the Crawdads Sing', '2024-08-21', '10-1026'),
(27, 1200227, 'The Institute', '2024-08-22', '10-1027'),
(28, 1200228, 'Before We Were Strangers', '2024-08-23', '10-1028'),
(29, 1200229, 'The Seven Husbands of Evelyn Hugo', '2024-08-24', '10-1029'),
(30, 1200230, 'The Woman in Cabin 10', '2024-08-25', '10-1030'),
(31, 1200231, 'The Tattooist of Auschwitz', '2024-08-26', '10-1031'),
(32, 1200232, 'Big Little Lies', '2024-08-27', '10-1032'),
(33, 1200233, 'Circe', '2024-08-28', '10-1033'),
(34, 1200234, 'An American Marriage', '2024-08-29', '10-1034'),
(35, 1200235, 'The Lovely Bones', '2024-08-30', '10-1035'),
(36, 1200236, 'The Brothers Karamazov', '2024-08-31', '10-1036'),
(37, 1200237, 'The City We Became', '2024-09-01', '10-1037'),
(38, 1200238, 'The Chain', '2024-09-02', '10-1038'),
(39, 1200239, 'The Immortalists', '2024-09-03', '10-1039'),
(40, 1200240, 'The Testaments', '2024-09-04', '10-1040'),
(41, 1200241, 'The Light We Lost', '2024-09-05', '10-1041'),
(42, 1200242, 'The Road', '2024-09-06', '10-1042'),
(43, 1200243, 'The Hobbit', '2024-09-07', '10-1043'),
(44, 1200244, 'Brave New World', '2024-09-08', '10-1044'),
(45, 1200245, 'The Silent Patient', '2024-09-09', '10-1045'),
(46, 1200246, 'The Da Vinci Code', '2024-09-10', '10-1046'),
(47, 1200247, 'The Catcher in the Rye', '2024-09-11', '10-1047'),
(48, 1200248, 'Pride and Prejudice', '2024-09-12', '10-1048'),
(49, 1200249, 'The Road Less Traveled', '2024-09-13', '10-1049'),
(50, 1200250, 'Educated', '2024-09-14', '10-1050'),
(51, 1200251, 'The Goldfinch', '2024-09-15', '10-1051'),

(52, 1200252, 'Dune', '2024-09-16', '10-1052'),
(53, 1200253, 'Little Fires Everywhere', '2024-09-17', '10-1053'),
(54, 1200254, 'Where the Crawdads Sing', '2024-09-18', '10-1054'),
(55, 1200255, 'The Institute', '2024-09-19', '10-1055'),
(56, 1200256, 'Before We Were Strangers', '2024-09-20', '10-1056'),
(57, 1200257, 'The Seven Husbands of Evelyn Hugo', '2024-09-21', '10-1057'),
(58, 1200258, 'The Woman in Cabin 10', '2024-09-22', '10-1058'),
(59, 1200259, 'The Tattooist of Auschwitz', '2024-09-23', '10-1059'),
(60, 1200260, 'Big Little Lies', '2024-09-24', '10-1060'),
(61, 1200261, 'Circe', '2024-09-25', '10-1061'),
(62, 1200262, 'An American Marriage', '2024-09-26', '10-1062'),
(63, 1200263, 'The Lovely Bones', '2024-09-27', '10-1063'),
(64, 1200264, 'The Brothers Karamazov', '2024-09-28', '10-1064'),
(65, 1200265, 'The City We Became', '2024-09-29', '10-1065'),
(66, 1200266, 'The Chain', '2024-09-30', '10-1066'),
(67, 1200267, 'The Immortalists', '2024-10-01', '10-1067'),
(68, 1200268, 'The Testaments', '2024-10-02', '10-1068'),
(69, 1200269, 'The Light We Lost', '2024-10-03', '10-1069'),
(70, 1200270, 'The Road', '2024-10-04', '10-1070'),
(71, 1200271, 'The Hobbit', '2024-10-05', '10-1071'),
(72, 1200272, 'Brave New World', '2024-10-06', '10-1072'),
(73, 1200273, 'The Silent Patient', '2024-10-07', '10-1073'),
(74, 1200274, 'The Da Vinci Code', '2024-10-08', '10-1074'),
(75, 1200275, 'The Catcher in the Rye', '2024-10-09', '10-1075'),
(76, 1200276, 'Pride and Prejudice', '2024-10-10', '10-1076'),
(77, 1200277, 'The Road Less Traveled', '2024-10-11', '10-1077'),
(78, 1200278, 'Educated', '2024-10-12', '10-1078'),
(79, 1200279, 'The Goldfinch', '2024-10-13', '10-1079'),
(80, 1200280, 'Dune', '2024-10-14', '10-1080'),
(81, 1200281, 'Little Fires Everywhere', '2024-10-15', '10-1081'),
(82, 1200282, 'Where the Crawdads Sing', '2024-10-16', '10-1082'),
(83, 1200283, 'The Institute', '2024-10-17', '10-1083'),
(84, 1200284, 'Before We Were Strangers', '2024-10-18', '10-1084'),
(85, 1200285, 'The Seven Husbands of Evelyn Hugo', '2024-10-19', '10-1085'),
(86, 1200286, 'The Woman in Cabin 10', '2024-10-20', '10-1086'),

```
(87, 1200287, 'The Tattooist of Auschwitz', '2024-10-21', '10-1087'),
(88, 1200288, 'Big Little Lies', '2024-10-22', '10-1088'),
(89, 1200289, 'Circe', '2024-10-23', '10-1089'),
(90, 1200290, 'An American Marriage', '2024-10-24', '10-1090'),
(91, 1200291, 'The Lovely Bones', '2024-10-25', '10-1091'),
(92, 1200292, 'The Brothers Karamazov', '2024-10-26', '10-1092'),
(93, 1200293, 'The City We Became', '2024-10-27', '10-1093'),
(94, 1200294, 'The Chain', '2024-10-28', '10-1094'),
(95, 1200295, 'The Immortalists', '2024-10-29', '10-1095'),
(96, 1200296, 'The Testaments', '2024-10-30', '10-1096'),
(97, 1200297, 'The Light We Lost', '2024-10-31', '10-1097'),
(98, 1200298, 'The Road', '2024-11-01', '10-1098'),
(99, 1200299, 'The Hobbit', '2024-11-02', '10-1099'),
(100, 1200300, 'Brave New World', '2024-11-03', '10-1100');
SELECT *FROM RETURNSTATUS;
```

- 1) Retrieve the book title, category, and rental price of all available books

```
select BOOK_TITLE, category, rental_price from books;
```

	BOOK_TITLE	category	rental_price
▶	The Great Adventure	Adventure	12.5
	Mystery of the Lost City	Mystery	15.75
	Love and War	Romance	10
	Journey to the Unknown	Sci-Fi	18.99
	History Revisited	History	22.5
	The Last Stand	Action	14
	Culinary Delights	Cookbook	20
	Under the Sea	Children	8.75
	Haunting Shadows	Horror	16
	Tech Revolution	Technology	25
	The Art of War	Classic	12.99
	The Future of Space	Sci-Fi	17.5
	Love in the Time of Chol...	Romance	11.99
	The Great Gatsby	Classic	14.75
	Sapiens	Non-Fiction	19
	The Road Less Traveled	Self-Help	13.25
	The Shining	Horror	16.5
	The Catcher in the Rye	Fiction	14
	Pride and Prejudice	Classic	10.25
	The Da Vinci Code	Thriller	18.75

- 2) List the employee names and their respective salaries in descending order of salary

```
select Emp_name, Salary from Employee order by salary desc;
```

Result Grid			 Filter Rows
	Emp_name	Salary	
▶	Vikas Gupta	150000	
	Geeta Sharma	145000	
	Ravi Kapoor	140000	
	Seema Agarwal	135000	
	Nikhil Sharma	130000	
	Kavita Rao	125000	
	Pankaj Yadav	120000	
	Amit Kumar	115000	
	Anita Gupta	110000	
	Varun Desai	105000	
	Ritika Jain	100000	
	Sunil Kumar	99000	
	Tanuja Sharma	98000	
	Gaurav Patel	97000	
	Maya Agarwal	96000	
	SARAH	95000	
	Anil Joshi	95000	
	Kunal Arora	95000	
	Anju Singh	94000	
	Naveen Kumar	93000	
	Ritu Sinha	92000	
	Amitabh Bhard...	91000	
	Suresh Rao	90000	
	Sheetal Sethi	90000	
	Neeraj Joshi	89000	

- 3) Retrieve the book titles and the corresponding customers who have issued those books.


```
select *from IssueStatus;
```


```
select *from customer;
```

```
select IssueStatus.Issued_book_name, Customer.Customer_name from IssueStatus inner join
Customer
```

```
on IssueStatus.Issued_cust= Customer.customer_id order by Customer.customer_id;
```

Result Grid







Filter Rows:

	Issued_book_name	Customer_name
▶	The Great Adventure	JOHN_WILSON
	Mystery of the Lost City	MARY_SMITH
	Love and War	ROBERT_BROWN
	Journey to the Unknown	PETER_SANDERS
	History Revisited	QUINN_WILSON
	The Last Stand	RACHEL_LEE
	Culinary Delights	SAMUEL_HARRIS
	Under the Sea	TINA_JOHNSON
	Haunting Shadows	URSULA_SCOTT
	Tech Revolution	VICTOR_TAYLOR
	The Art of War	WILLOW_BROWN
	The Future of Space	XANDER_JAMES
	Love in the Time of Chol...	YASMIN_CAMPB...
	The Great Gatsby	ZOE_LEWIS
	Sapiens	ALEX_SANDERS
	The Road Less Traveled	BRIA_WRIGHT
	The Shining	CAMILLE_HALL
	The Catcher in the Rye	DEREK_ANDERSON
	Pride and Prejudice	EVELYN_TAYLOR
	The Da Vinci Code	FRANKLIN_BROWN
	Educated	GRACE_MURPHY
	Circe	HENRY_SCOTT
	The Goldfinch	ISLA_JOHNSON
	Dune	JAMES_WILSON
	Little Fires Everywhere	KAREN LEWIS

- 4) Display the total count of books in each category.

```
select *from books;
```

```
select category,count(category) as total_count from books group by category;
```

Result Grid   Filter Rows:		
	category	total_count
▶	Adventure	1
	Mystery	1
	Romance	5
	Sci-Fi	2
	History	1
	Action	1
	Cookbook	1
	Children	1
	Horror	5
	Technology	1
	Classic	8
	Non-Fiction	1
	Self-Help	3
	Fiction	12
	Thriller	11
	Memoir	3
	Fantasy	10
	Literary Fi...	3
	Science Fic...	3
	Drama	6
	Historical F...	6
	Contempo...	6
	Dystopian	6
	Post-apoc...	3

- 5) Retrieve the employee names and their positions for the employees whose salaries are above Rs.50,000.

`select Emp_name,Position,Salary from employee where salary >50000;`

	Emp_name	Position	Salary
▶	MARTIN	CASHIER	52000
	MICHAEL	CASHIER	75000
	DAVID	RECEPTIONIST	54000
	RICHARD	RECEPTIONIST	54000
	THOMAS	RECEPTIONIST	65000
	DANIEL	CASHIER	52000
	ANTHONY	CASHIER	76000
	DONALD	RECEPTIONIST	65000
	BRIAN	RECEPTIONIST	65000
	JASON	CASHIER	60000
	GARY	CASHIER	68000
	JOE	RECEPTIONIST	65000
	JULIA	TEAM_LEADER	80000
	ALEX	COORDINATOR	75000
	LINDA	ASSISTANT	55000
	BETH	TEAM_LEADER	78000
	OLIVER	TECHNICIAN	70000
	SANDRA	COORDINATOR	77000
	BRIAN	TECHNICIAN	69000
	SARAH	MANAGER	95000
	ELLA	TEAM_LEADER	81000
	TOM	COORDINATOR	73000
	NINA	ASSISTANT	56000
	CHRIS	TECHNICIAN	72000
	KAREN	TEAM_LEADER	79000

- 6) List the customer names who registered before 2022-01-01 and have not issued any books yet

`SELECT CUSTOMER_NAME, REG_DATE FROM CUSTOMER left JOIN IssueStatus ON
IssueStatus.Issued_cust = CUSTOMER.CUSTOMER_ID`

WHERE REG_DATE < '2022-01-01' AND ISSUE_ID IS NULL;

	CUSTOMER_NAME	REG_DATE
▶	KAREN_TAYLOR	2020-12-16
	LUCAS_JOHNSON	2021-11-21
	OLIVIA_SANDERS	2020-09-14
	PETER_WILSON	2021-08-25
	SAMUEL_TAYLOR	2020-10-11
	TINA_JOHNSON	2021-11-26
	WILLOW_SANDERS	2020-07-25
	XANDER_WILSON	2021-08-19
	ALEX_JOHNSON	2020-11-12
	BRIA_ANDERSON	2021-09-15
	EVELYN_TAYLOR	2020-06-17
	FRANKLIN_SANDERS	2021-07-29
	ISLA_BROWN	2020-11-27
	JAMES_LEWIS	2021-12-02
	MIA_MURPHY	2020-07-10
	NATHAN_TAYLOR	2021-08-22
	QUINN_BAKER	2020-12-16
	RACHEL_SCOTT	2021-11-13
	URSULA_SANDERS	2020-09-01
	VICTOR_WILSON	2021-10-03
	YASMIN_HARRIS	2020-10-07
	ZOE_MARTIN	2021-11-29
	CAMILLE_WRIGHT	2020-08-08
	DEREK_SCOTT	2021-10-20
	GRACE_TAYLOR	2020-11-03

- 7) Display the branch numbers and the total count of employees in each branch

SELECT * FROM EMPLOYEE;

SELECT BRANCH_NO, COUNT(*) FROM EMPLOYEE group by BRANCH_NO;

	BRANCH_NO	COUNT(*)
▶	101	6
	102	6
	103	6
	104	6
	105	3
	106	6
	107	3
	108	3
	109	3
	110	3
	111	3
	112	3
	113	3
	114	3
	115	6
	116	3
	117	3
	118	3
	119	3
	120	3
	121	3
	122	3
	123	3
	124	3
	125	3

- 8) Display the names of customers who have issued books in the month of June 2023

SELECT * FROM IssueStatus;

select CUSTOMER.CUSTOMER_NAME FROM CUSTOMER LEFT JOIN IssueStatus ON
IssueStatus.Issued_cust = CUSTOMER.CUSTOMER_ID

WHERE ISSUE_DATE <='2023-06-01' AND ISSUE_DATE >= '2023-06-30';

	CUSTOMER_NAME
--	---------------

NO CUSTOMERS ISSUED ANY BOOK ON THE JUNE-2023

- 9)Retrieve book_title from book table containing history

```
SELECT * FROM BOOKS;
```

```
SELECT BOOK_TITLE FROM BOOKS WHERE BOOK_TITLE LIKE '%HISTORY%';
```

	BOOK_TITLE
▶	History Revisited

- 10)Retrieve the branch numbers along with the count of employees for branches having more than 5 employees

```
SELECT BRANCH_NO, COUNT(BRANCH_NO) AS TOTAL_COUNT FROM EMPLOYEE group by  
BRANCH_NO having count(BRANCH_NO) >5;
```

	BRANCH_NO	TOTAL_COUNT
▶	101	6
	102	6
	103	6
	104	6
	106	6
	115	6

- --- 11)Retrieve the names of employees who manage branches and their respective branch addresses.

```
SELECT * FROM EMPLOYEE;
```

```
SELECT * FROM BRANCH;
```

```
SELECT Employee.Emp_name, Branch.Branch_address,Branch.Branch_NO  
FROM Branch  
LEFT JOIN Employee ON Branch.MANAGER_ID = Employee.EMP_ID;
```

	Emp_name	Branch_address	Branch_NO
▶	Rajesh Kumar	ANGAMALY	101
	Aarti Sharma	KALADY	102
	Vikram Patel	THURAVOOR	103
	Neha Gupta	KARUKUTTY	104
	Ravi Singh	ALUVA	105
	Priya Reddy	KANJOOR	ALUVA
	Suresh Rao	KOTTAMAM	107
	Kavita Mehta	MOOKKANNUR	108
	Anil Joshi	PERUMBAVOOR	109
	Sonia Verma	VYTILA	110
	Arun Sharma	EDAPALLY	111
	Manisha Kumar	THRIPIUNITHURA	112
	Ravi Patel	KAKKANAD	113
	Rita Desai	THEVARA	114
	Raj Kumar	WILLINGTON	115
	Amit Singh	MATTANCHERRY	116
	Meera Soni	FORT KOCHI	117
	Deepak Agar...	PALARIVATTOM	118
	Swati Shah	KALOOR	119
	Kiran Gupta	PONNURUNNI	120
	Ramesh Nair	KADAVANTHRA	121
	Simran Kaur	VYTILA HUB	122
	Vijay Raj	ALUVA BRANCH 2	123
	Anju Rawat	MOOKKANNUR ...	124
	Sanjay Kumar	ANGAMALY BR	125

- 12) Display the names of customers who have issued books with a rental price higher than Rs. 25.

```
SELECT* FROM BOOKS;
```

```
SELECT* FROM ISSUESTATUS;
```

```
SELECT* FROM CUSTOMER;
```

```
SELECT BOOK_TITLE FROM BOOKS WHERE RENTAL_PRICE>=25;
```

```
SELECT CUSTOMER_NAME FROM CUSTOMER WHERE CUSTOMER_ID in
```

```
(SELECT ISSUESTATUS.ISSUED_CUST FROM ISSUESTATUS INNER JOIN BOOKS
```

```
ON BOOKS.ISBN=ISSUESTATUS.ISBN_BOOK AND BOOKS.RENTAL_PRICE>=25);
```

	CUSTOMER_NAME
▶	VICTOR_TAYLOR