

- This is the Borrower Table

	CARDNO	NAME	ADDRESS	PHONE
1	1112	Rahul Parmar	B/20 Lalita Society, Isanpur, Ahmedabad, Gujarat-India	999-890-0300
2	1113	Vaishal Trivedi	D/45 Lalita Society, Idanpur, Ahmedabad, Gujarat-India	414-987-9316
3	1114	Kishan Shah	D/43 Lalita Society, Isanpur, Ahmedabad, Gujarat-India	414-773-6117
4	1115	Jigat Gohel	9342-C, Kalpana Chavda Road, Des Plaines - IL 60016	414-830-7312
5	1116	Bharat Rathod	9562 Ross Ln, Apt 1-F, Des Plaines - IL 60016	414-299-8780
6	1117	Yash Jethava	10348 S Mikw Ln, Oak Creek - WI 53154	414-834-1492
7	1118	Jigisha Gohel	12440 MacAlister Way, Apt 101, New Berlin - WI 53151	414-224-3929
8	1119	Danny Brook	14001 W Greenfield Ave, New Berlin - WI 53151	414-501-9547
9	11110	Michelle Van	8909 Noel Ave, Niles - IL 60714	414-444-9090
10	11111	Manaav Bosmia	8852 N Jess Ln, Des Plaines - IL 60016	414-909-8987
11	1111	Nisharg Desai	B/13 Lalita Society, Isanpur, Ahmedabad, Gujarat-India	972-669-3855

- This is the Book_Authors Table

	BOOKID	AUTHORNAME
1	1	Mike Martin
2	2	Devid Ross
3	3	Heena Rathod
4	4	Praveen Madiraju
5	5	Matt Schultz
6	6	Rj Nowling
7	7	Satish Puri
8	8	Harshal Rathod
9	9	Himalay Rathod
10	10	Vinayak Joshi
11	11	Vijay Pithiya

- This is a Book_Copies Table

	BOOKID	BRANCHID	NO_OF_COPIES
1	1	1	2
2	2	2	5
3	3	3	10
4	4	4	12
5	5	5	21
6	6	6	32
7	7	7	11
8	8	8	7
9	9	9	8
10	10	10	3
11	11	11	15
12	1	4	10

Here I did all BOOKID AND All BranchID but for more learn how my table is response when I put the different BOOKID with Different BranchID. And its work, you can see in my table.

- This is a Book_Loans Table

	BOOKID	BRANCHID	CARDNO	DATEOUT	DUEDATE
1	1	1	11111	(null)	(null)
2	2	2	21112	01-DEC-17	(null)
3	3	3	31113	01-JAN-17	01-FEB-17
4	4	4	41114	24-MAR-18	24-APR-18
5	5	5	51115	08-NOV-18	20-NOV-18
6	6	6	61116	11-JUN-16	11-JUL-16
7	7	7	71117	11-SEP-18	30-AUG-18
8	8	8	81118	10-OCT-18	26-NOV-18
9	9	9	91119	08-DEC-18	23-JAN-19
10	10	10	1011110	01-FEB-18	10-JUN-18
11	11	11	1111111	10-JUN-18	10-JUL-19

In above table, I have some issue with date format. I try the MM-DD-YYYY and DD-MM-YYYY. But this above you can see in table I can only this format is work in this table. I try to do the MM-DD-YYYY and DD-MM-YYYY, but I don't know how to do with DATE DATA_TYPE.

- This is a Library Branch table

BRANCHID	BRANCHNAME	ADDRESS
1	1Tippecanoe Branch Milwaukee Public Library	3912 S Howell Ave, Milwaukee, WI 53207
2	2Bay View Branch Milwaukee Public Library	2566 S Kinnickinnic Ave, Milwaukee, WI 53207
3	3Zablocki Branch Milwaukee Public Library	3501 W Oklahoma Ave, Milwaukee, WI 53215
4	4Central Library Milwaukee Public Library	814 W Wisconsin Ave, Milwaukee, WI 53233
5	5Oak Creek Public Library	8040 S 6th St, Oak Creek, WI 53154
6	6Martin Luther King Branch Milwaukee Public Library	310 W Locust St, Milwaukee, WI 53212
7	7Washington Park Branch Milwaukee Public Library	2121 N Sherman Blvd, Milwaukee, WI 53208
8	8Center Street Branch Milwaukee Public Library	2727 W Fond Du Lac Ave, Milwaukee, WI 53210
9	9South Milwaukee Public Library Central Library	1907 10th Ave, South Milwaukee, WI 53172
10	10Greenfield Public Library Central Library	5310 W Layton Ave, Greenfield, WI 53220
11	11Franklin Public Library Central Library	9151 W Loomis Rd, Franklin, WI 53132

In above table, I used all real Library Branch and Address in Milwaukee, Oak Creek, Greenfield and Franklin.

- This is a Publisher Table

NAME	ADDRESS	PHONE
1 Pearson	New York City, NY	1-800-677-6337
2 Thomson Reuters	Toronto, ON	1-416-687-7500
3 RELX Group	London, United Kingdom	4402071665751
4 Wolters Kluwer	Alphen aan den Rijn, Netherlands	1-800-234-1660
5 Phoenix Publishing and Media Inc	Nanjing, China	86-25-51883376
6 Hachette (publisher)	Paris, France	+330155001100
7 McGraw-Hill Education	New York City, NY	1-800-338-3987
8 Holtzbrinck Publishing Group	Stuttgart, Germany	+4971121500
9 Planeta Group	Madrid, Spain	+34934928000
10 Scholastic Corporation	New York City, NY	1-800-724-6527
11 China South Publishing Ltd	Changsha, China	86-73-18440507

In Above the table you can see, I try different format Phone Number and its work with any format.

- This is a Book Table

BOOKID	TITLE	PUBLISHER
1	1Perform Cloud Data Science with Azure Machine Learning	Pearson
2	2Data Science	Thomson Reuters
3	3Big Data	RELX Group
4	4Database Administrator	Wolters Kluwer
5	5JAVA Development	Phoenix Publishing and Media Inc
6	6Data Science using R	Hachette (publisher)
7	7Fundamentals of Database Systems (7th edition)	McGraw-Hill Education
8	8Computer Architecture	Holtzbrinck Publishing Group
9	9Data Science using Python	Planeta Group
10	10Computer Network	Scholastic Corporation
11	11Advance Database Administrator	China South Publishing Ltd

- The CardNo A1111 which I don't want in my table because the Card No A1111 is wrong .

	CARDNO	NAME	ADDRESS	PHONE
1	1112	Rahul Parmar	B/20 Lalita Society, Isanpur, Ahmedabad, Gujarat-India	999-890-0300
2	1113	Vaishal Trivedi	D/45 Lalita Society, Idanpur, Ahmedabad, Gujarat-India	414-987-9316
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10	11111	Manaav Bosmia	8852 N Jess Ln, Des Plaines - IL 60016	414-909-8987
11	1111	Nisharg Desai	B/13 Lalita Society, Isanpur, Ahmedabad, Gujarat-India	972-669-3855
12	A1111	Nisharg Desai	B/13 Lalita Society, Isanpur, Ahmedabad, Gujarat-India	972-669-3855

- Here I am going to delete above row number 12 data from BORROWER Table

```
-- Delete the CardNo A1111 From Borrowers Table
INSERT INTO BORROWER VALUES
('A1111', 'Nisharg Desai', 'B/13 Lalita Society, Isanpur, Ahmedabad, Gujarat-India', '972-669-3855');

DELETE FROM BORROWER
WHERE CardNo = 'A1111';
```

Script Output x

Task completed in 0.144 seconds

SQL ERROR: ORA-00942: table or view does not exist

00942. 00000 - "table or view does not exist"

*Cause:

*Action:

1 row deleted.

- Here I insert the another column which BookId 1 and BranchID 04

```
-- Here I insert the another column which BookId 1 and BranchID 04
INSERT INTO BOOK_COPIES VALUES
('1', '04', '10');
```

Script Output x

Task completed in 0.106 seconds

1 row inserted.

1 row inserted.