

MySQL Select Query

Table Name: CUST_INFO

CUST_ID	CUST_NAME	CUST_ADDR	CUST_CITY
1	Raj	Sita Nagar	Rajkot
2	Sunil	Ram Nagar	Surat
3	Rajesh	Geeta Nagar	Anand
4	Sameer	Sita Nagar	Surat

Table Name: BILL

BILL_NO	CUST_ID	BILL_DATE	TOTAL_AMOUNT
1	3	2014-01-01	1000.00
2	4	2014-01-02	500.00
3	1	2014-01-07	600.00
4	1	2014-02-08	700.00
5	2	2014-01-06	900.00
6	3	2014-02-14	2000.00

Table Name: BILL_DETAILS

DETAIL_ID	BILL_NO	ITEM_NAME	ITEM_QTY	ITEM_PRICE	ITEM_TOTAL
1	1	AAA	2	250.00	500.00
2	1	BBB	1	500.00	500.00
3	2	BBB	1	500.00	500.00
4	3	CCC	1	300.00	300.00
5	3	DDD	2	150.00	300.00
6	4	DDD	4	150.00	600.00
7	4	EEE	1	100.00	100.00
8	5	EEE	4	100.00	400.00
9	5	BBB	1	500.00	500.00
10	6	EEE	10	150.00	1500.00
11	6	AAA	2	250.00	500.00

Query-1: DISPLAY BILL INFORMATION OF BILL NUMBER 1,3 AND 6

1. SELECT * FROM `bill` WHERE `BILL_NO`=1 OR `BILL_NO`=3 OR `BILL_NO`=6
2. SELECT * FROM `bill` WHERE BILL_NO IN (1, 3, 6)

BILL_NO	CUST_ID	BILL_DATE	TOTAL_AMOUNT
1	3	2014-01-01	1000.00
3	1	2014-01-07	600.00
6	3	2014-02-14	2000.00

Query-2: DISPLAY BILL INFORMATION OF BILL THAT SELL 'AAA' ITEM

1. SELECT BILL.* FROM BILL, BILL_DETAILS B WHERE BILL.BILL_NO=B.BILL_NO AND ITEM_NAME='AAA'
2. SELECT * FROM BILL WHERE BILL_NO IN (SELECT BILL_NO FROM BILL_DETAILS WHERE ITEM_NAME='AAA')

BILL_NO	CUST_ID	BILL_DATE	TOTAL_AMOUNT
1	3	2014-01-01	1000.00
6	3	2014-02-14	2000.00

Query-3: DISPLAY CUSTOMER INFORMATION THAT PURCHASE 'AAA' ITEM

1. SELECT * FROM CUST_INFO WHERE CUST_ID IN (SELECT BILL.CUST_ID FROM BILL, BILL_DETAILS B WHERE BILL.BILL_NO=B.BILL_NO AND ITEM_NAME='AAA')

CUST_ID	CUST_NAME	CUST_ADDR	CUST_CITY
3	Rajesh	Geeta Nagar	Anand

Query-4: DISPLAY AVAILABLE ITEM NAME

1. SELECT DISTINCT (ITEM_NAME) FROM BILL_DETAILS

ITEM_NAME
AAA
BBB
CCC
DDD
EEE

Query-5: DISPLAY BILL INFORMATION BETWEEN 1ST JAN 2014 TO 7TH JAN 2014

1. SELECT * FROM BILL WHERE `BILL_DATE` BETWEEN '2014-01-01' AND '2014-01-07' ORDER BY `BILL_DATE`

BILL_NO	CUST_ID	BILL_DATE	TOTAL_AMOUNT
1	3	2014-01-01	1000.00
2	4	2014-01-02	500.00
5	2	2014-01-06	900.00
3	1	2014-01-07	600.00

Query-6: DISPLAY BILL INFORMATION OF February 2014

1. SELECT * FROM BILL WHERE MONTH(`BILL_DATE`)=2 AND YEAR(BILL_DATE)=2014

BILL_NO	CUST_ID	BILL_DATE	TOTAL_AMOUNT
4	1	2014-02-08	700.00
6	3	2014-02-14	2000.00

Query-7: DISPLAY TOTAL SELL AMOUNT

1. SELECT SUM(`TOTAL_AMOUNT`) FROM BILL

SUM(`TOTAL_AMOUNT`)
5700.00

Query-8: DISPLAY TOTAL SELL AMOUNT MONTH WISE

1. SELECT YEAR(`BILL_DATE`), MONTH(`BILL_DATE`), SUM(`TOTAL_AMOUNT`) FROM BILL GROUP BY YEAR(`BILL_DATE`),MONTH(`BILL_DATE`)

YEAR(`BILL_DATE`)	MONTH(`BILL_DATE`)	SUM(`TOTAL_AMOUNT`)
2014	1	3000.00
2014	2	2700.00

Query-9: DISPLAY TOTAL SELL AMOUNT FOR January MONTH YEARWISE

1. SELECT BILL_DATE, YEAR(`BILL_DATE`), MONTH(`BILL_DATE`),SUM(`TOTAL_AMOUNT`) FROM BILL GROUP BY YEAR(`BILL_DATE`),MONTH(`BILL_DATE`) HAVING MONTH(`BILL_DATE`)=1

BILL_DATE	YEAR(`BILL_DATE`)	MONTH(`BILL_DATE`)	SUM(`TOTAL_AMOUNT`)
2014-01-01	2014	1	3000.00

Query-10: DISPLAY CUSTOMER WISE TOTAL BILL AMOUNT

1. SELECT CUST_NAME, SUM(TOTAL_AMOUNT) FROM CUST_INFO, BILL WHERE CUST_INFO.CUST_ID=BILL.CUST_ID GROUP BY BILL.CUST_ID

CUST_NAME	SUM(TOTAL_AMOUNT)
Raj	1300.00
Sunil	900.00
Rajesh	3000.00
Sameer	500.00

Query-11: DISPLAY CUSTOMER and MONTH WISE TOTAL BILL AMOUNT

1. SELECT CUST_NAME,MONTH(BILL_DATE), SUM(TOTAL_AMOUNT) FROM CUST_INFO, BILL WHERE CUST_INFO.CUST_ID=BILL.CUST_ID GROUP BY BILL.CUST_ID,MONTH(BILL_DATE)

CUST_NAME	MONTH(BILL_DATE)	SUM(TOTAL_AMOUNT)
Raj	1	600.00
Raj	2	700.00
Sunil	1	900.00
Rajesh	1	1000.00
Rajesh	2	2000.00
Sameer	1	500.00