


TASK-01

3rd Sept Live Class snowflake - F x | iNeuron_SQL_Project.docx - Google Docs x | Worksheet - ABC COMPANY (1/1) x +

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ABC COMPANY + ▾

▶ Run ☐ All Queries | Saved 0 seconds ago ACCOUNTADMIN abc company (5) ABC ASSIGNMENT

```
1 create database ABC;
2 create schema ASSIGNMENT;
3 create table shopping_history(product varchar not null,quantity integer not null,unit_price integer not null);
4
5 insert into shopping_history values('milk',3,10),('bread',7,3),('bread',5,2),('rice',7,20),('pulse',4,60),('milk',5,15),('bread',10,5),
6 ('rice',5,25),('pulse',5,55),('egg',10,5);
7
8 select * from shopping_history;
9
10 select product, sum(quantity*unit_price) as total_price from shopping_history group by product;
```

Results Data Preview Open History

✓ Query ID SQL 40ms 5 rows

Filter result...  Copy Columns ▾

Row	PRODUCT	TOTAL_PRICE
1	milk	105
2	bread	81
3	rice	265
4	egg	50
5	pulse	515

TASK - 02

Sign In | iNeuron.ai x Worksheet - TASK-02 (1/1) in 19: x SQL: CREATE TABLE AS Statement x +

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ABC COMPANY TASK-02 + ▾

▶ Run ☐ All Queries Saved 10 seconds ago ACCOUNTADMIN COMPUTE_WH (XS) ABC PUBLIC

```
1 create table phones(name varchar(20) not null, phone_number integer not null unique);
2 create table calls(id integer not null, caller integer not null, callee integer not null, duration integer not null, unique(id))
3 insert into phones values('jack',1234),('Lena',3333),('Mark',9999),('Anna',7582);
4 insert into calls values(25,1234,7582,8),(7,9999,7582,1),(18,9999,3333,4),(2,7582,3333,3),(3,3333,1234,1),(21,3333,1234,1);
5 select * from phones;
6 select * from calls;
7 create table new_table as (select caller, duration from calls union all select callee, duration from calls);
8 select * from new_table;
9 create table second_new_table as (select phones.phone_number, sum(new_table.duration) as total_duration from phones inner join new_table on phones.phone_number=new_table.caller);
10 select * from second_new_table;
11 select phones.name from phones inner join second_new_table on phones.phone_number = second_new_table.phone_number where second_new_table.total_duration >= 10;
```

Results Data Preview Open History

✓ Query ID SQL 199ms 2 rows

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Row	NAME
1	jack
2	Anna

TASK - 03

Sign In | iNeuron.ai x Worksheet - TASK-03 (1/1) in 287 x MySQL CAST() Function x +

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< ✓ ABC COMPANY ✓ TASK-02 ✓ TASK-03 + ▾

» [Run](#) ☐ All Queries | Saved 0 seconds ago ACCOUNTADMIN COMPUTE_WH (XS) ABC PUBLIC ...

```
1 create table transactions(amount integer not null, date date not null);
2
3 insert into transactions values(1000,'2020-01-06'),(-10,'2020-01-14'),(-75,'2020-01-20'),(-5,'2020-01-25'),(-4,'2020-01-29'),(2000,'2020-03-10'),
4 (-75,'2020-03-12'),(-20,'2020-03-15'),(40,'2020-03-15'),(-50,'2020-03-17'),(200,'2020-10-10'),(-200,'2020-10-10')
5
6 select * from transactions;
7
8 create table exclude_month as (select month(date) as month from transactions where
9     cast(amount as varchar) like'-%' group by month(date) having count(month(date)) >= 3 and sum(amount) <= - 100)
10
11 select * from exclude_month;
12
13 select (select sum(amount) from transactions)
14 + (-5*12)
15 + 5* (select count(*) from exclude_month)
```

Results Data Preview [Open History](#)

✓ [Query ID](#) [SQL](#) 287ms 1 rows

Filter result... [Copy](#) Columns ▾

Row	(SELECT SUM(AMOUNT) FROM TRANSACTIONS) + (-5*12) + 5* (SELECT COUNT(*) FROM EXCLUDE_MONTH)
1	2746