TASK-01


```
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

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

TASK - 02

rknjfsx-qg57188.snowflakecomputing.com/console#/internal/worksheet

Databases | Shares | Marketplace | Warehouses | Worksheets | History | Account | Partner Connect | Help | Notifications | Snowsight

RADHE2208
ACCOUNTADMIN

✔ ABC COMPANY   ✔ TASK-02   + ▾

▶ Run   ☐ All Queries | Saved 10 seconds ago

ACCOUNTADMIN   ● COMPUTE_WH (XS)   ABC   PUBLIC ▾   ...

```sql
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 gr
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

Filter result...   ⬇ Copy   Columns ▾

Row	NAME
1	jack
2	Anna

TASK - 03

rknjfsx-qg57188.snowflakecomputing.com/console#/internal/worksheet

| Databases | Shares | Marketplace | Warehouses | Worksheets | History | Account | Partner Connect | Help | Notifications | Snowsight | RADHE2208 ACCOUNTADMIN |

✔ ABC COMPANY   ✔ TASK-02   ✔ TASK-03   +   ▾

▶ Run   ☐ All Queries | Saved 0 seconds ago

ACCOUNTADMIN • COMPUTE_WH (XS) ABC PUBLIC ▾ ⋯

```sql
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