**TASK-1:**

TO CALCULATE THE TOTAL COST OF EACH PRODUCT

* CREATE TABLE STRUCTURE IN SNOWFLAKE BY CREATING YOUR OWN WAREHOUSE.
* INSERT SOME 10 ROWS USING INSERT COMMAND
* TRY DIFFERENT VALUES FOR ALL THE COLUMNS AND THEN CHECK USING SELECT \*
* CREATE A TABLE CONSISTING OF THE PRODUCT NAME, NUMBER OF ITEMS BOUGHT AND PRICE OF A SINGLE ITEM.
* PRODUCTS MAY APPEAR MULTIPLE TIMES WITH DIFFERENT PRICES.
* WRITE AN SQL QUERY THAT RETURNS THE TOTAL AMOUNT OF MONEY SPENT ON EACH PRODUCT IN DESCENDING ALPHABETICAL ORDER BY PRODUCT

CREATE WAREHOUSE M\_WAREHOUSE;

CREATE DATABASE M\_DATABASE;

USE DATABASE M\_DATABASE;

--TO CALCULATE THE TOTAL COST OF EACH PRODUCT

/\*CREATE A TABLE CONSISTING OF THE PRODUCT NAME, NUMBER OF ITEMS BOUGHT AND PRICE OF A SINGLE ITEM. PRODUCTS MAY APPEAR MULTIPLE TIMES WITH DIFFERENT PRICES. \*/

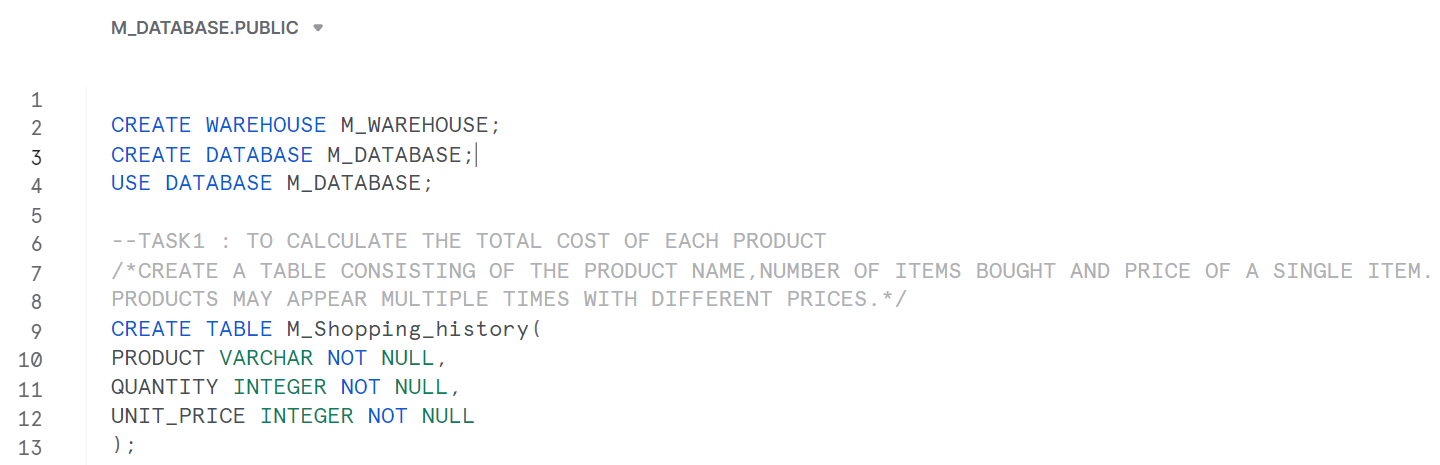
CREATE TABLE M\_Shopping\_history(

PRODUCT VARCHAR NOT NULL,

QUANTITY INTEGER NOT NULL,

UNIT\_PRICE INTEGER NOT NULL

);



INSERT INTO M\_Shopping\_history VALUES('Milk',3,10);

INSERT INTO M\_Shopping\_history VALUES('Bread',7,3);

INSERT INTO M\_Shopping\_history VALUES('Bread',5,2);

INSERT INTO M\_Shopping\_history VALUES('Milk',6,12);

INSERT INTO M\_Shopping\_history VALUES('Cheese',3,8);

INSERT INTO M\_Shopping\_history VALUES('Milk',2,8);

INSERT INTO M\_Shopping\_history VALUES('Bread',1,5);

INSERT INTO M\_Shopping\_history VALUES('Cheese',2,3);

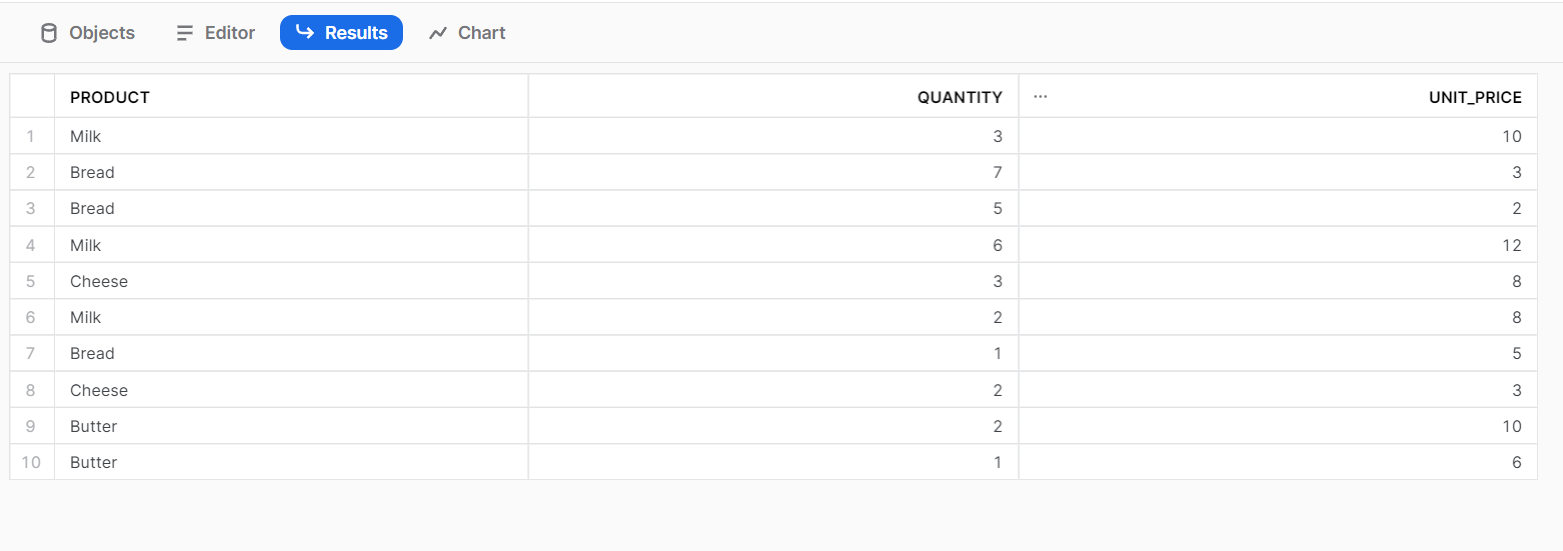
INSERT INTO M\_Shopping\_history VALUES('Butter',2,10);

INSERT INTO M\_Shopping\_history VALUES('Butter',1,6);



SELECT \* FROM M\_Shopping\_history;

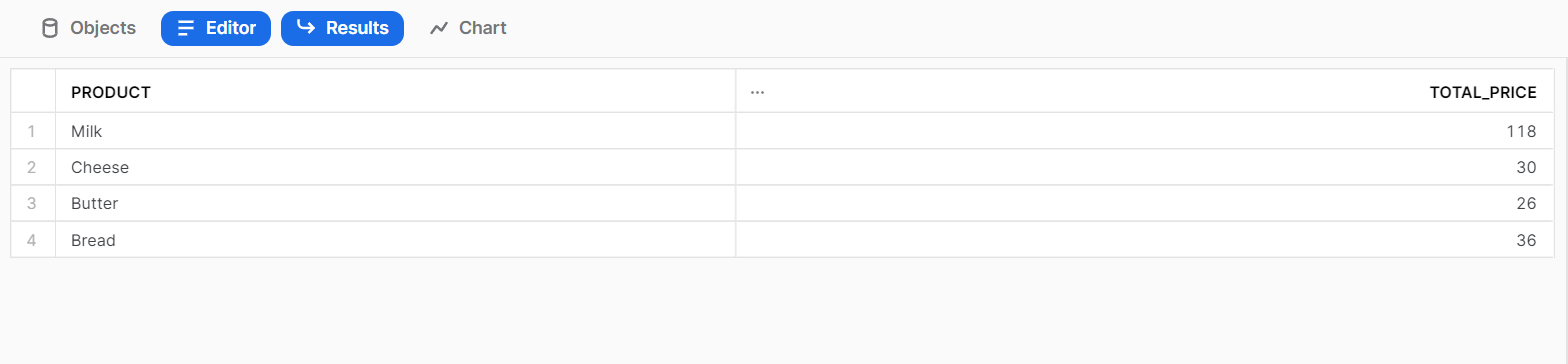




--RETURNS THE TOTAL AMOUNT OF MONEY SPENT ON EACH PRODUCT IN DESCENDING ALPHABETICAL ORDER BY PRODUCT

SELECT PRODUCT, SUM(QUANTITY\*UNIT\_PRICE) AS Total\_price FROM M\_Shopping\_history group by(PRODUCT) ORDER BY PRODUCT DESC;





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