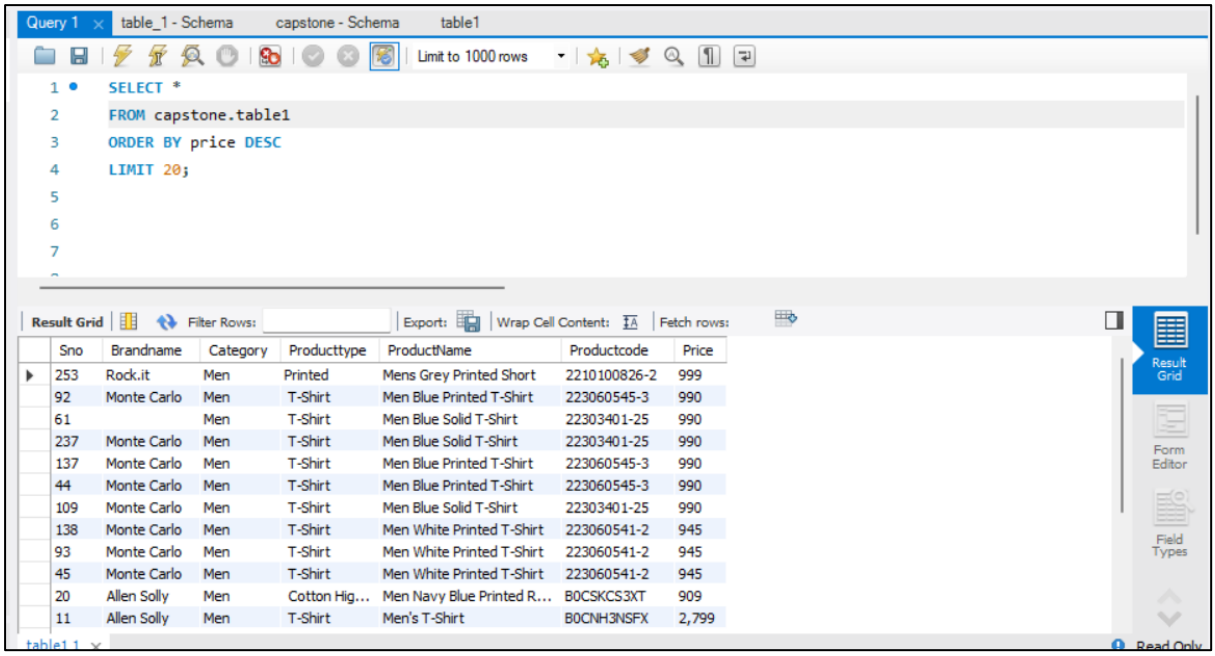
SQL Queries

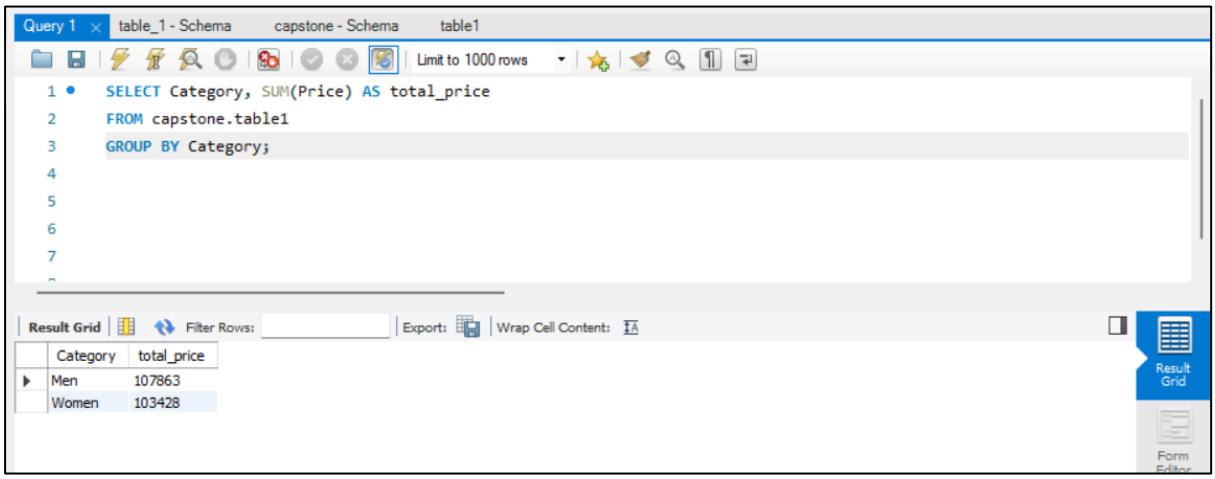
Table1:

1) Write a query to **Retrieve the Top 20 Most Expensive Products**



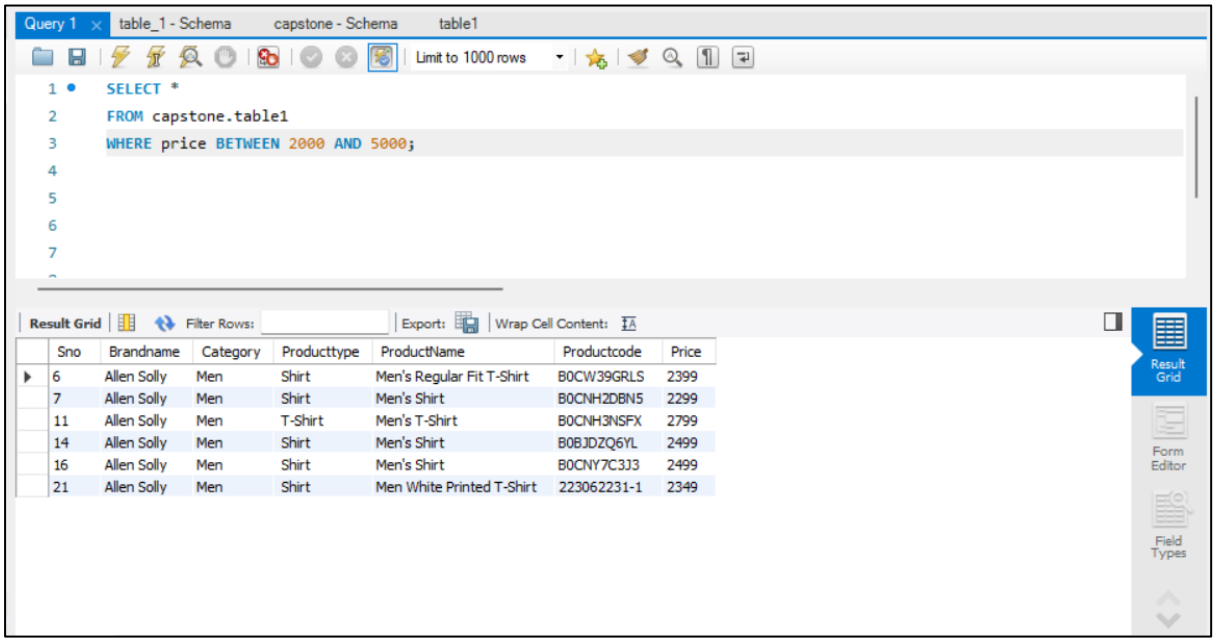
Sno	Brandname	Category	Producttype	ProductName	Productcode	Price
253	Rock.it	Men	Printed	Mens Grey Printed Short	2210100826-2	999
92	Monte Carlo	Men	T-Shirt	Men Blue Printed T-Shirt	223060545-3	990
61		Men	T-Shirt	Men Blue Solid T-Shirt	22303401-25	990
237	Monte Carlo	Men	T-Shirt	Men Blue Solid T-Shirt	22303401-25	990
137	Monte Carlo	Men	T-Shirt	Men Blue Printed T-Shirt	223060545-3	990
44	Monte Carlo	Men	T-Shirt	Men Blue Printed T-Shirt	223060545-3	990
109	Monte Carlo	Men	T-Shirt	Men Blue Solid T-Shirt	22303401-25	990
138	Monte Carlo	Men	T-Shirt	Men White Printed T-Shirt	223060541-2	945
93	Monte Carlo	Men	T-Shirt	Men White Printed T-Shirt	223060541-2	945
45	Monte Carlo	Men	T-Shirt	Men White Printed T-Shirt	223060541-2	945
20	Allen Solly	Men	Cotton Hig...	Men Navy Blue Printed R...	B0CSKCS3XT	909
11	Allen Solly	Men	T-Shirt	Men's T-Shirt	B0CNH3NSFX	2,799

2) Write a query **Calculate the Total Price for Each Category**:

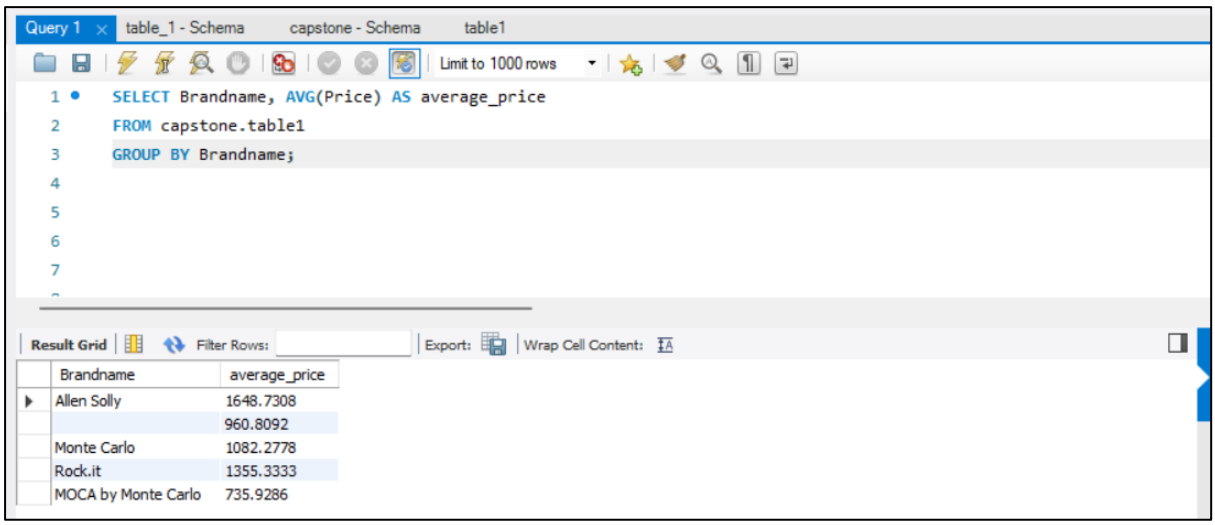


Category	total_price
Men	107863
Women	103428

3) Write a query to **Retrieve Products with a Price Range** 2000 to 5000



4) Write a query to **Calculate the Average Price for Each Brand**



5) Write a query to **find Products with Unique Brand-Category Combinations**

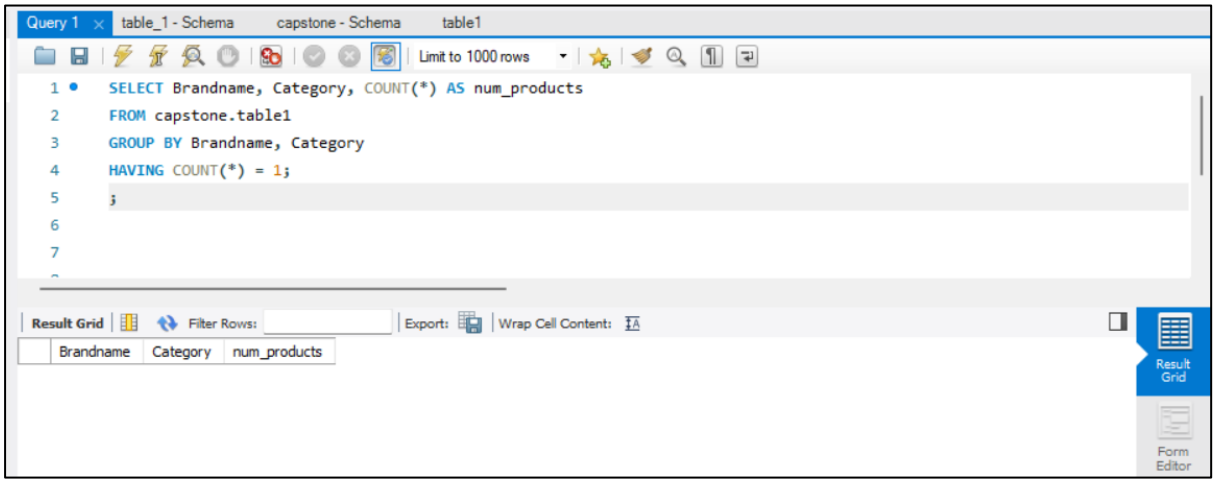
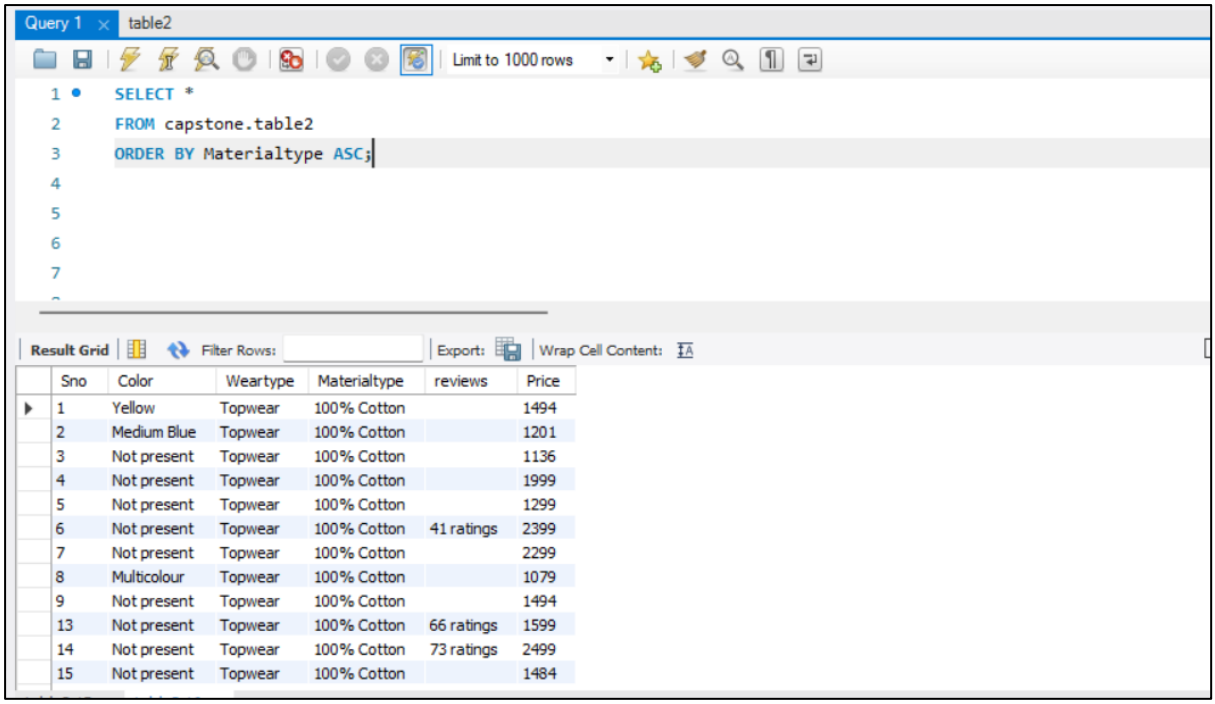
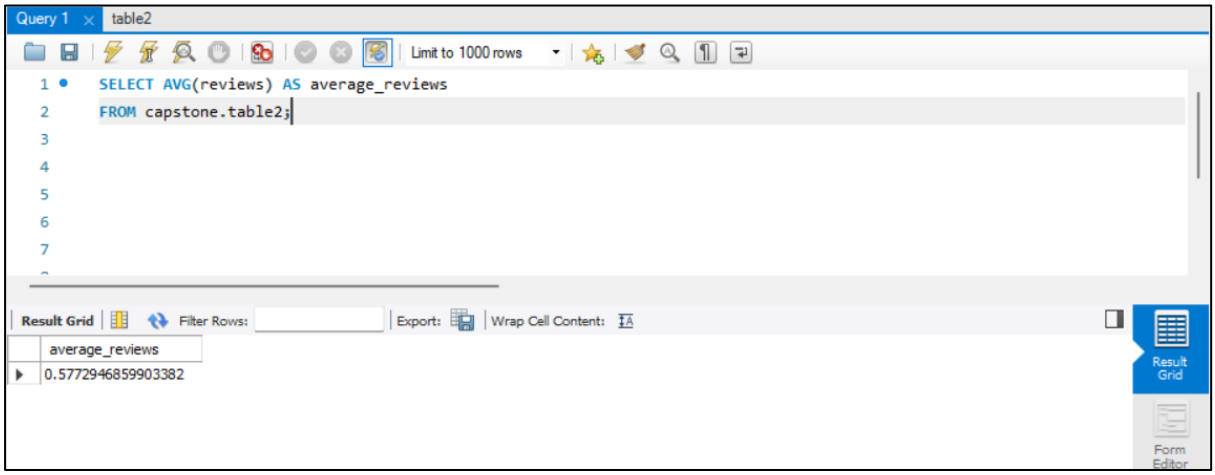


Table2:

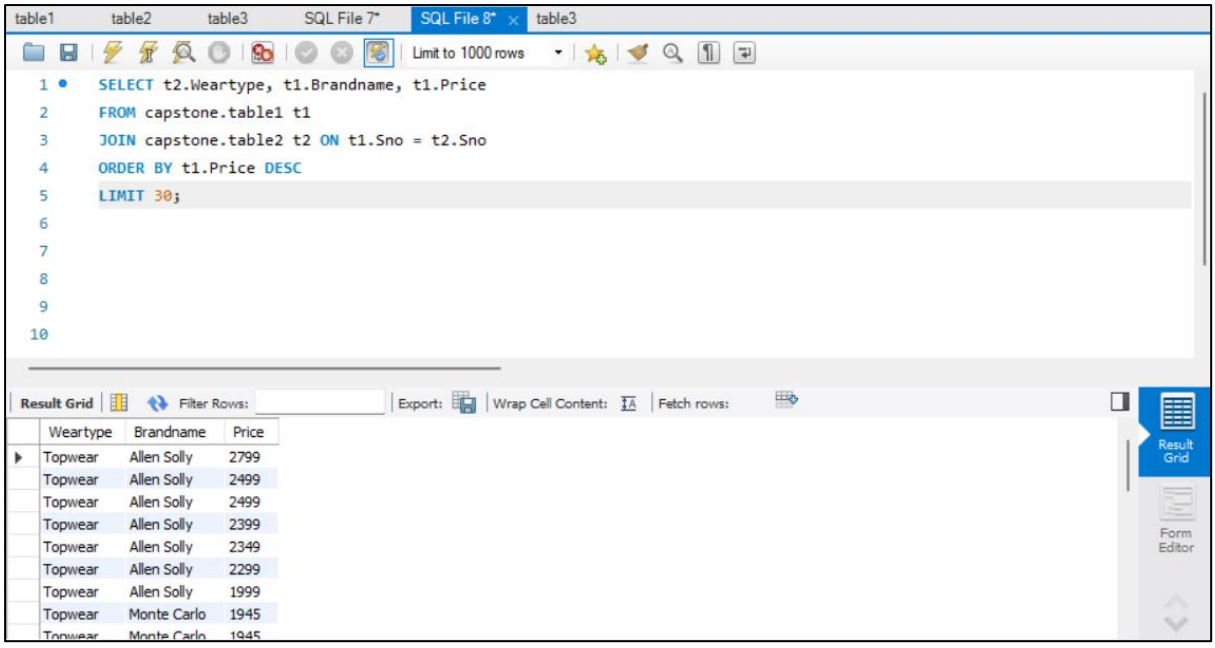
1) Write a query **Order Rows by Material Type in Ascending Order .**



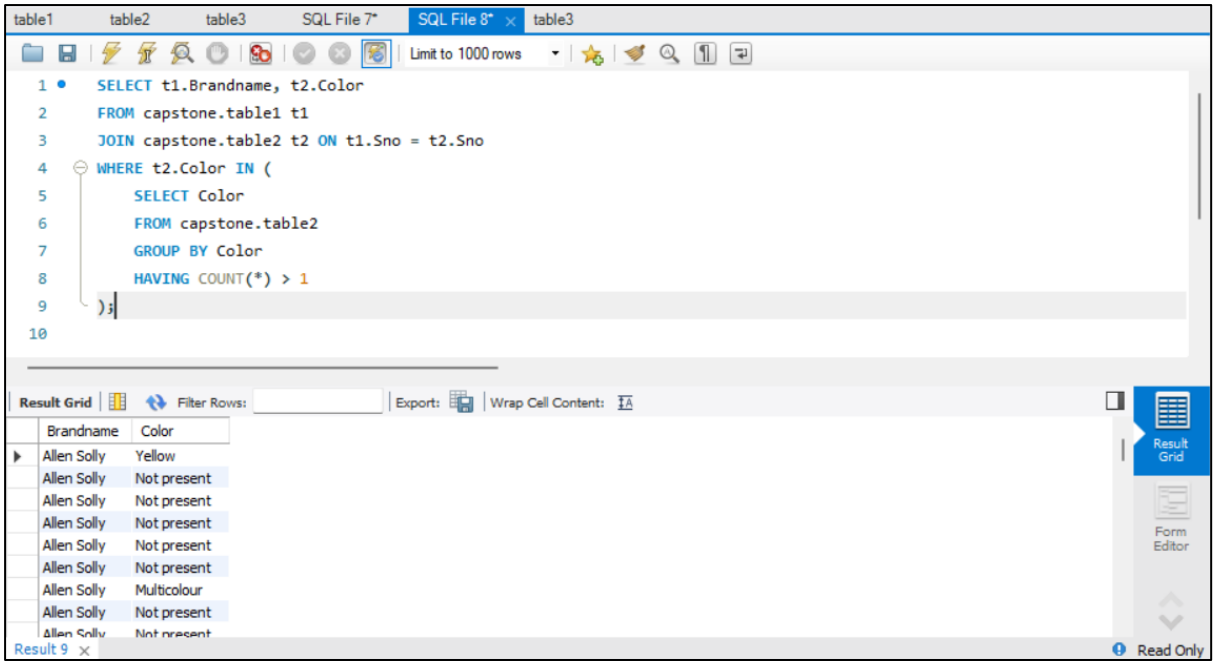
2) **Write a query to Calculate the Average Number of Reviews**



3) **Write a query to Retrieve the Top 30 Most Expensive Products by Weartype**:



4) Write a query to **Find Products with Similar Colors**.



5) Write a query to **Calculate the Total Price for Each Material Type**.

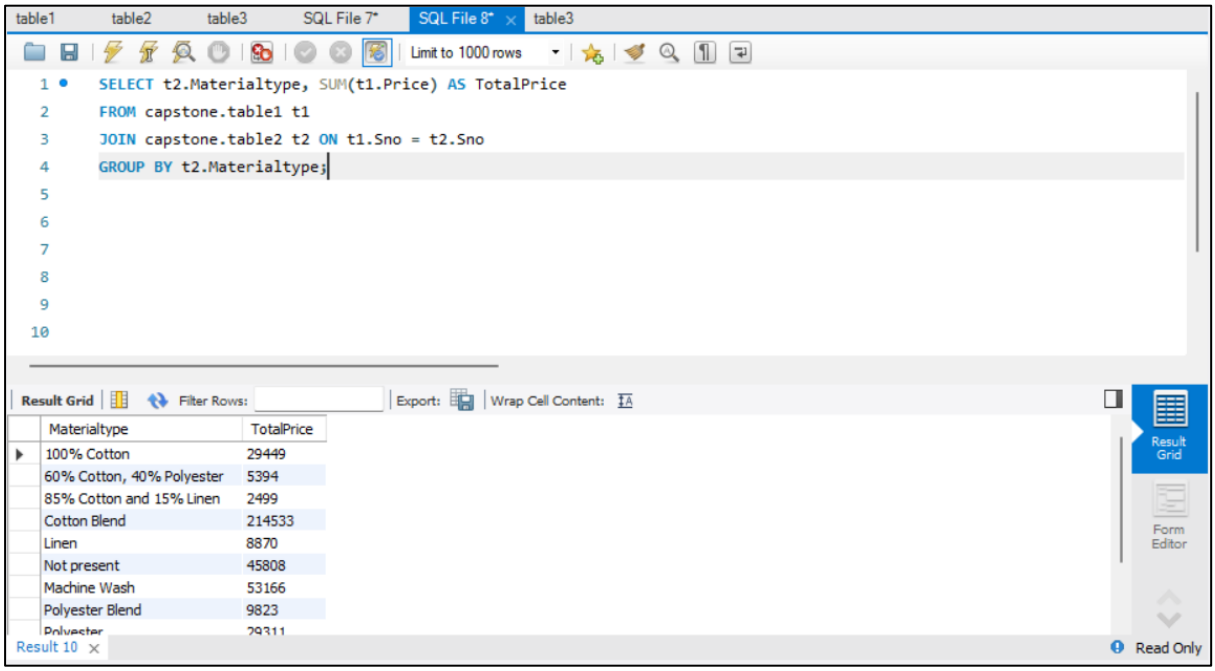
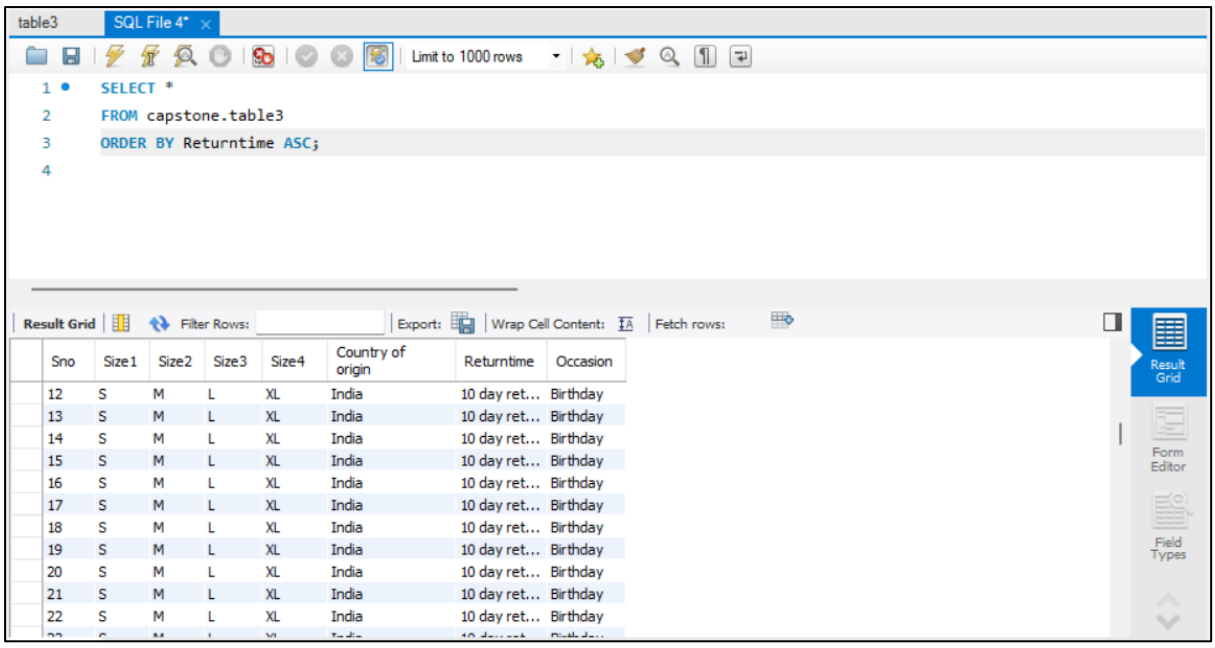
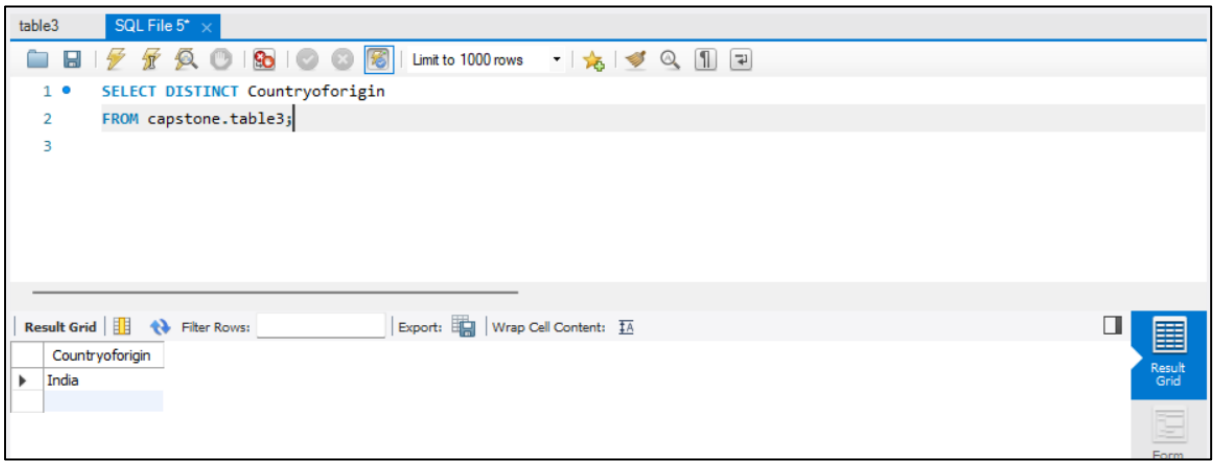


Table3:

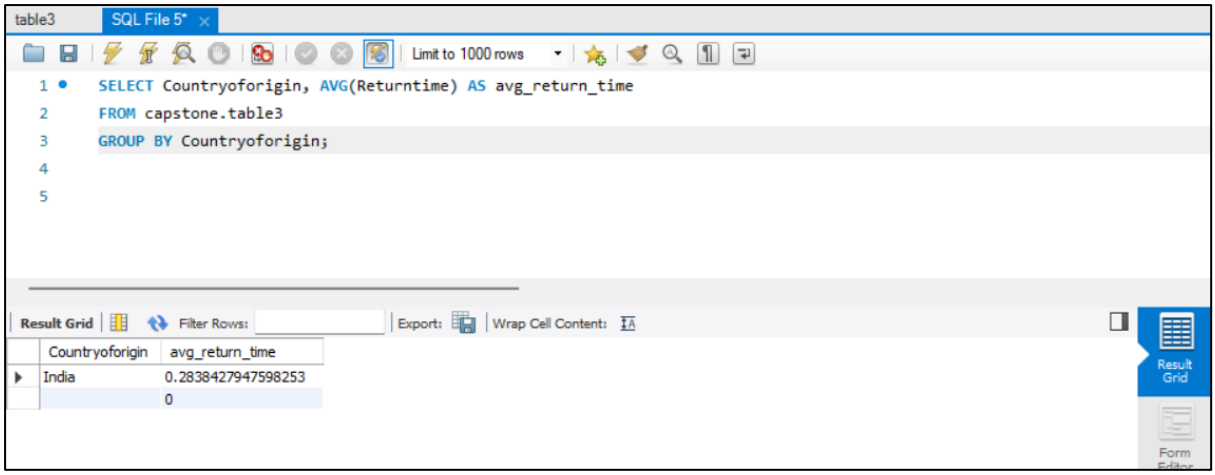
1) Write a query to **Order Rows by Return Time in Ascending Order.**



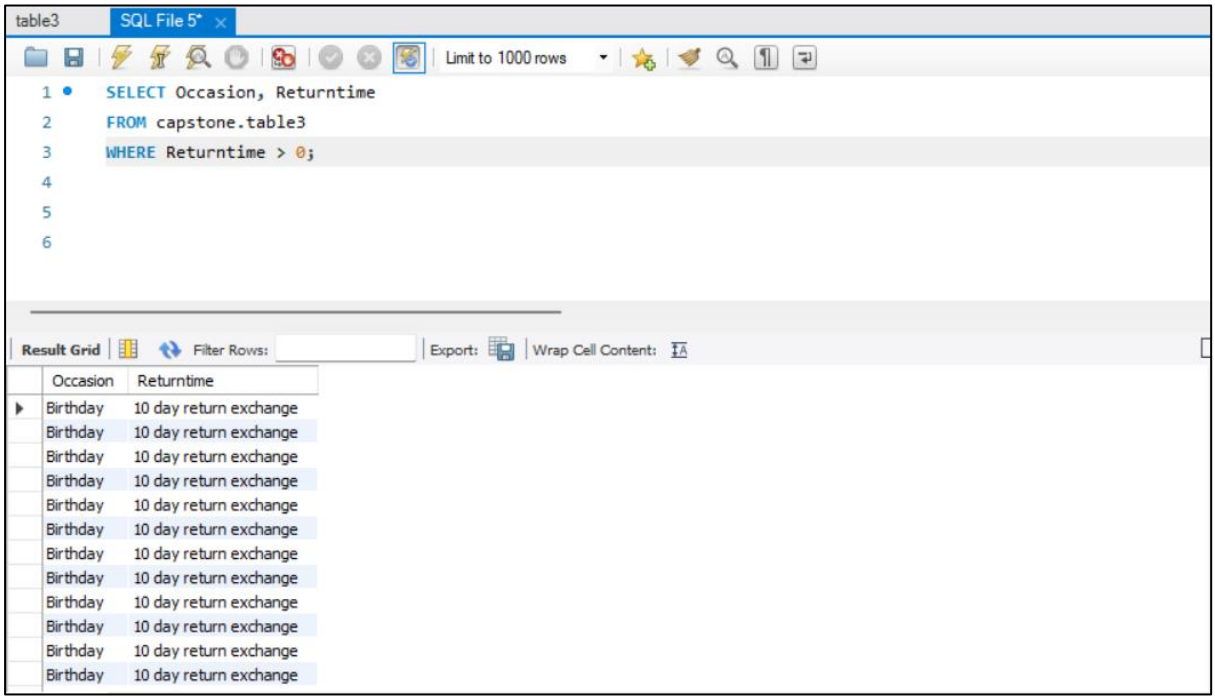
2) Write a query to find distinct country of origin .



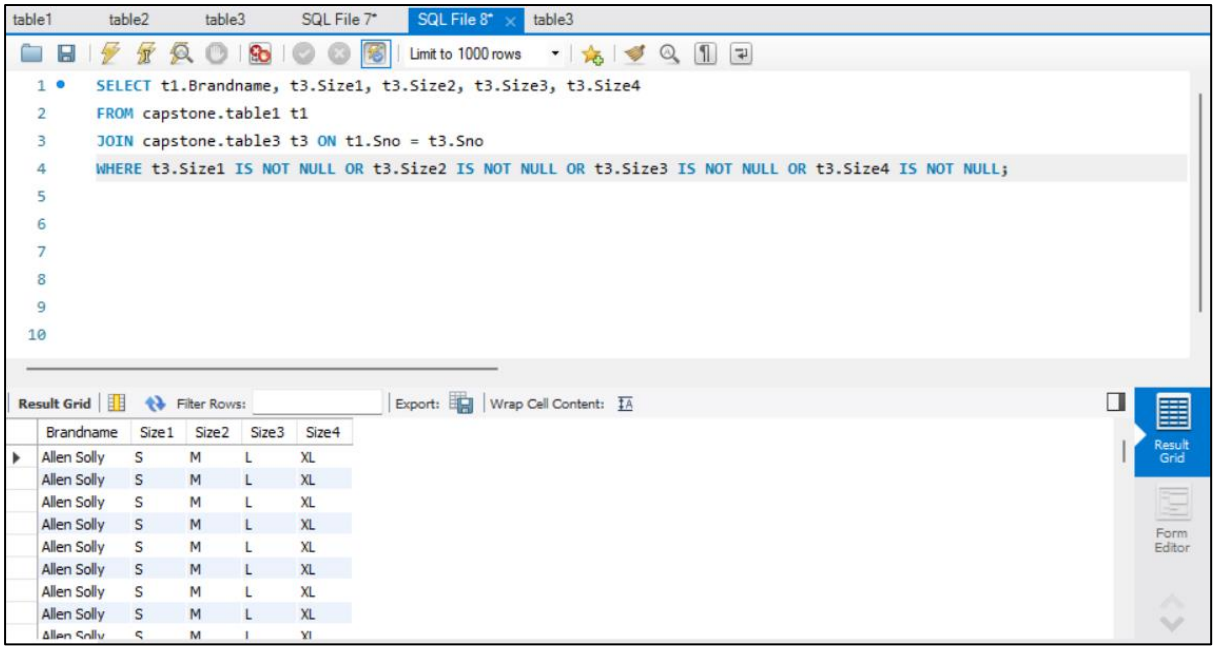
3) Write a query to **Calculate the Average Return Time by Country of Origin**.



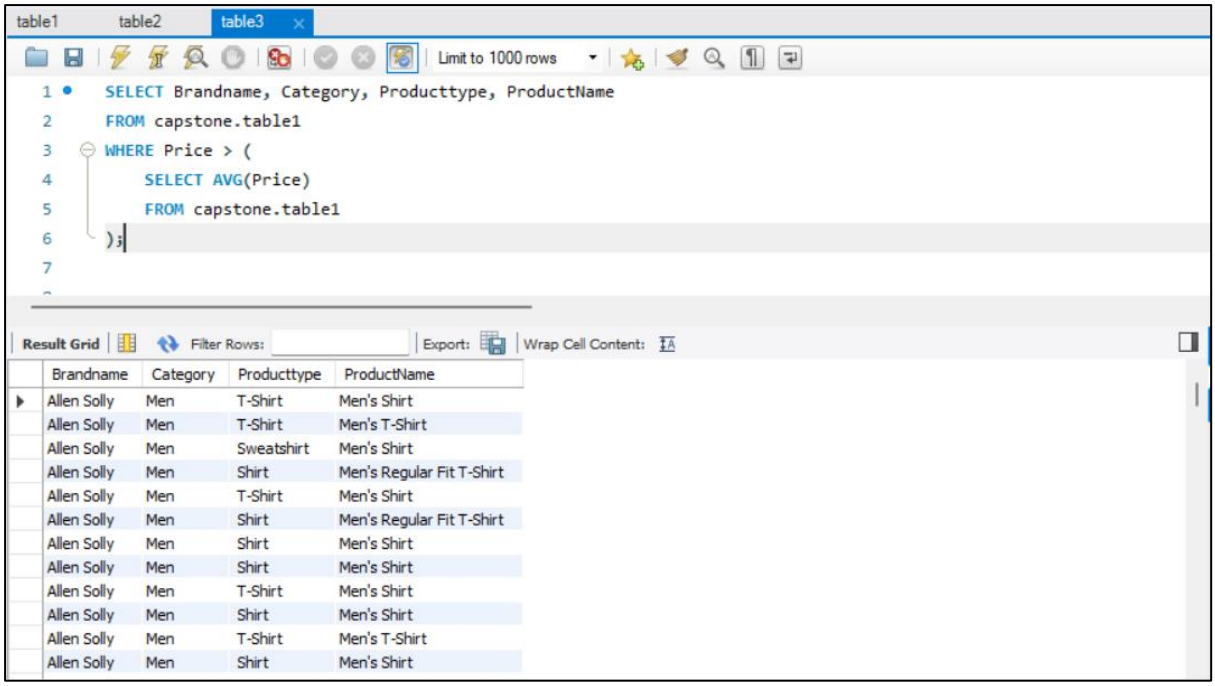
4) Write a query to **Find Occasions with High Return Times.**



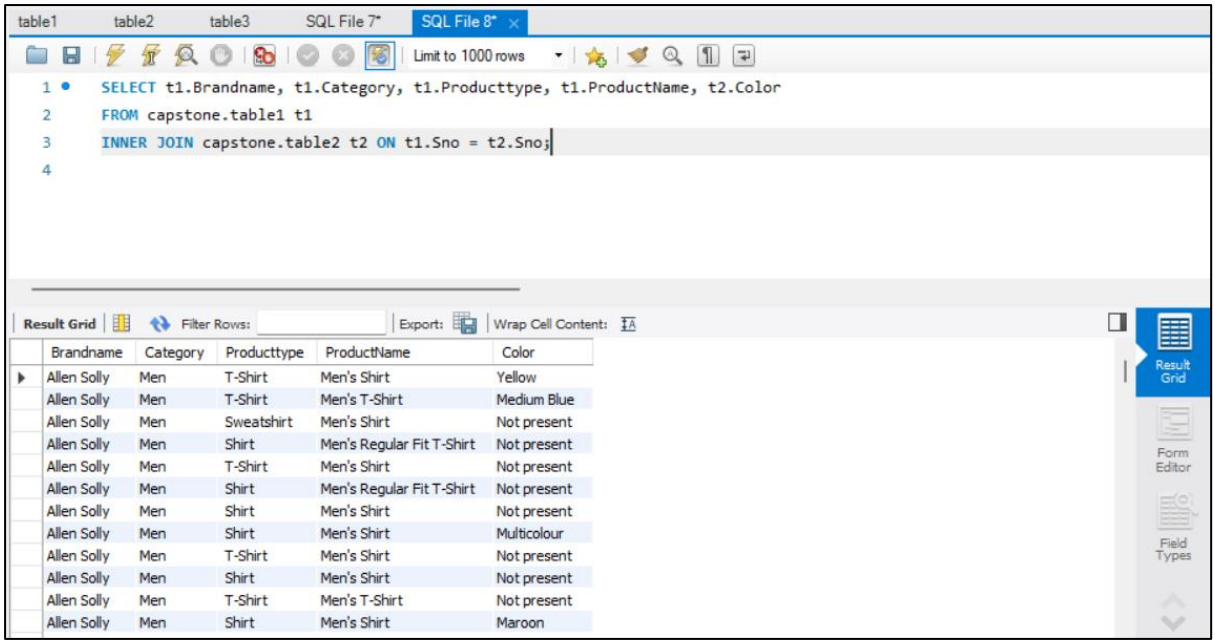
5) Write a query to **Retrieve Products with Multiple Sizes (Size1, Size2, Size3, Size4)**:



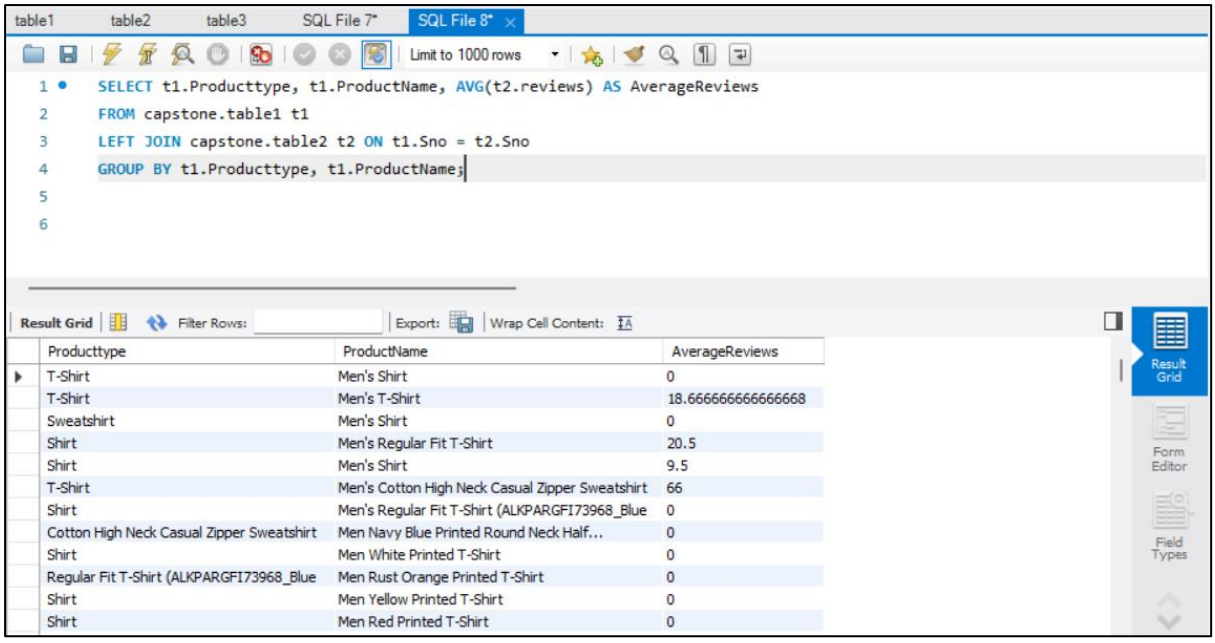
1) Write a query find Brandname, Category , Producttype ,ProductName with a **listed price greater than the average listed price** in table 1.



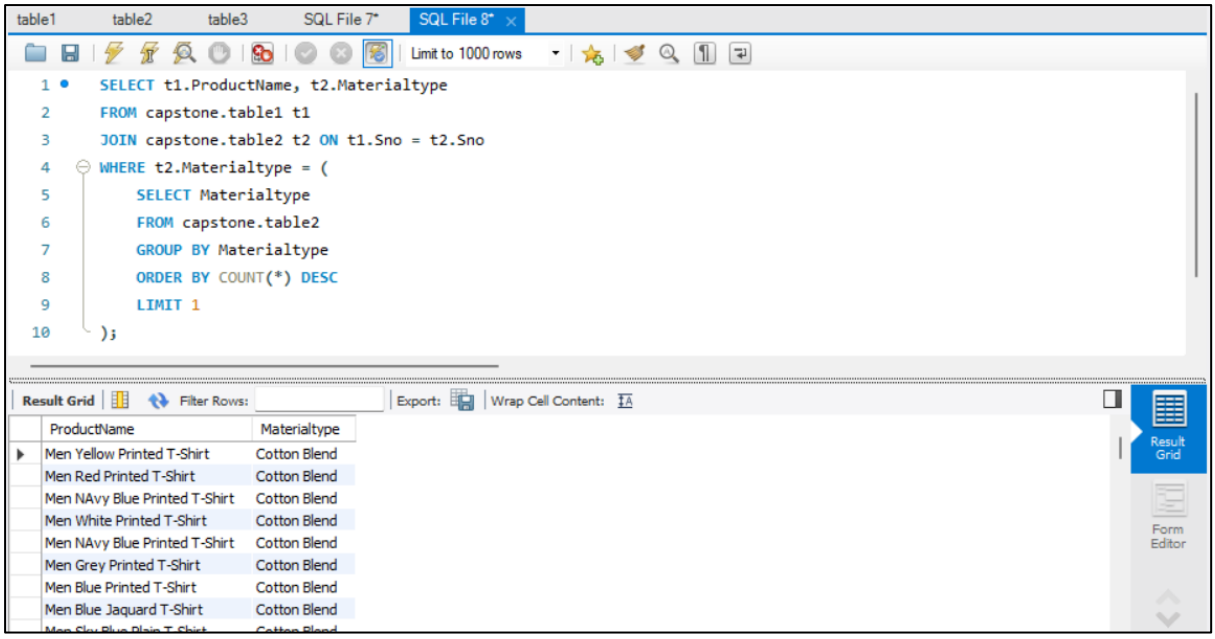
2) Write a query to list all Brandname, Category , Producttype ,ProductName along with their corresponding **color information** from Table2



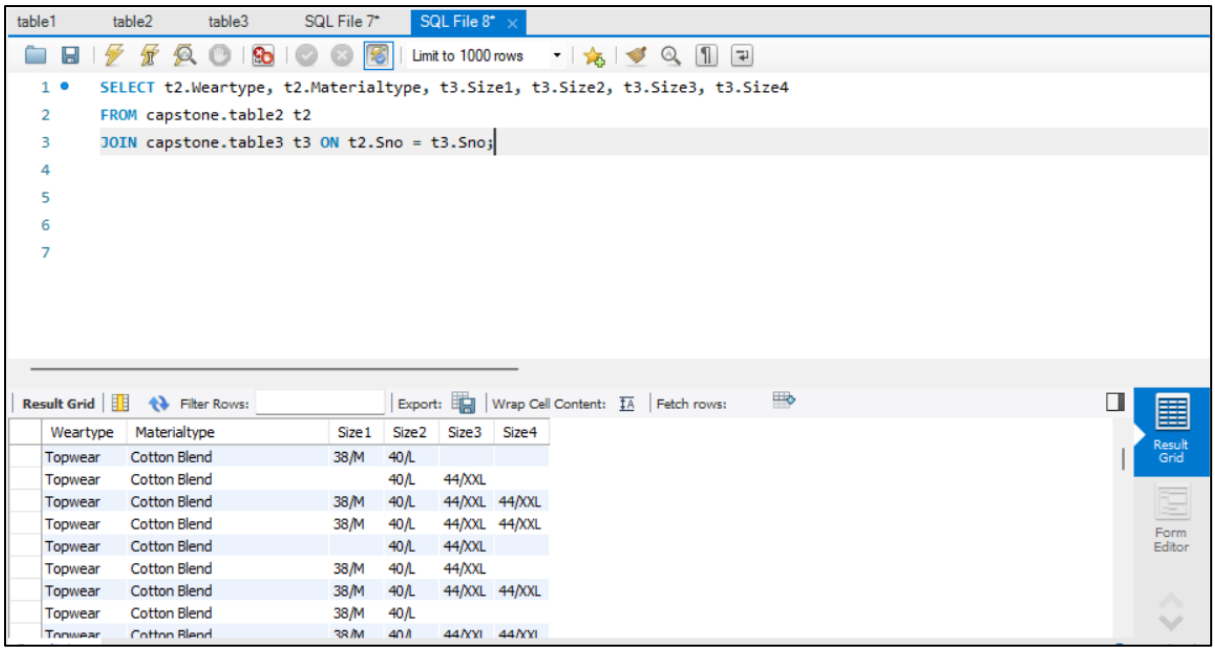
3) Write a query to find the **average reviews** for each Producttype ,ProductName using table 1 and table 2



4) Write a query to find products with a Product name, **material type** that matches the **most common material type** in (use table1 and table 2)



5) Write a query to list all products Weartype , Material type along with their corresponding **sizes** from (use table 2 and table 3)



6) Write a query to find the **average return time** for each product type (use table1 and table 3)

table1 table2 table3 SQL File 7* SQL File 8* table3

Limit to 1000 rows

```
1  SELECT t1.Producttype, AVG(t3.Returntime) AS AverageReturnTime
2  FROM capstone.table1 t1
3  JOIN capstone.table3 t3 ON t1.Sno = t3.Sno
4  GROUP BY t1.Producttype;
5
6
7
8
9
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Producttype	AverageReturnTime
T-Shirt	0.5970149253731343
Sweatshirt	10
Shirt	10
Cotton High Neck Casual Zipper Sweatshirt	10
Regular Fit T-Shirt (ALKPARGFI73968_Blue	10
Short	0
Printed	0
Not present	0
Sweatshirt	0

Result Grid | Form Editor

7) Write a query to find Country of origin, return time ,occasion of each product type . (use table 1 and table 3)

table1 table2 table3 SQL File 7* SQL File 8* table3

Limit to 1000 rows

```
1  SELECT t1.Producttype, t3.CountryOforigin, t3.Returntime, t3.Occasion
2  FROM capstone.table1 t1
3  JOIN capstone.table3 t3 ON t1.Sno = t3.Sno;
4
5
6
7
8
9
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Producttype	CountryOforigin	Returntime	Occasion
T-Shirt	India	10 day return exchange	Birthday
T-Shirt	India	10 day return exchange	Birthday
Sweatshirt	India	10 day return exchange	Birthday
Shirt	India	10 day return exchange	Birthday
T-Shirt	India	10 day return exchange	Birthday
Shirt	India	10 day return exchange	Birthday
Shirt	India	10 day return exchange	Birthday
Shirt	India	10 day return exchange	Birthday
T-Shirt	India	10 day return exchange	Birthday

Result 6 | Result Grid | Form Editor | Read Only