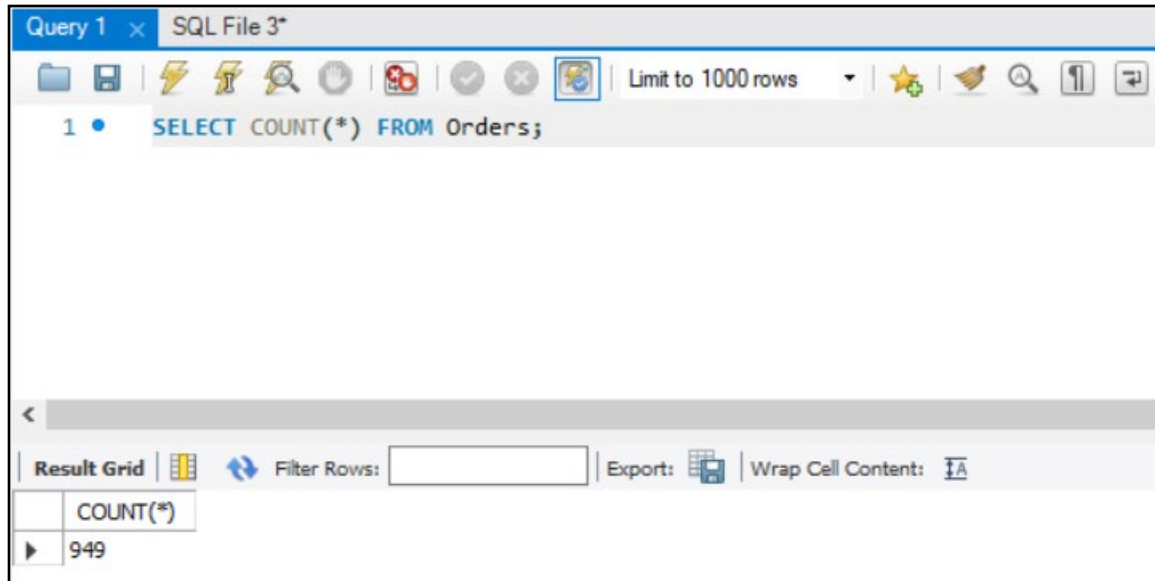


Task C10.2.3



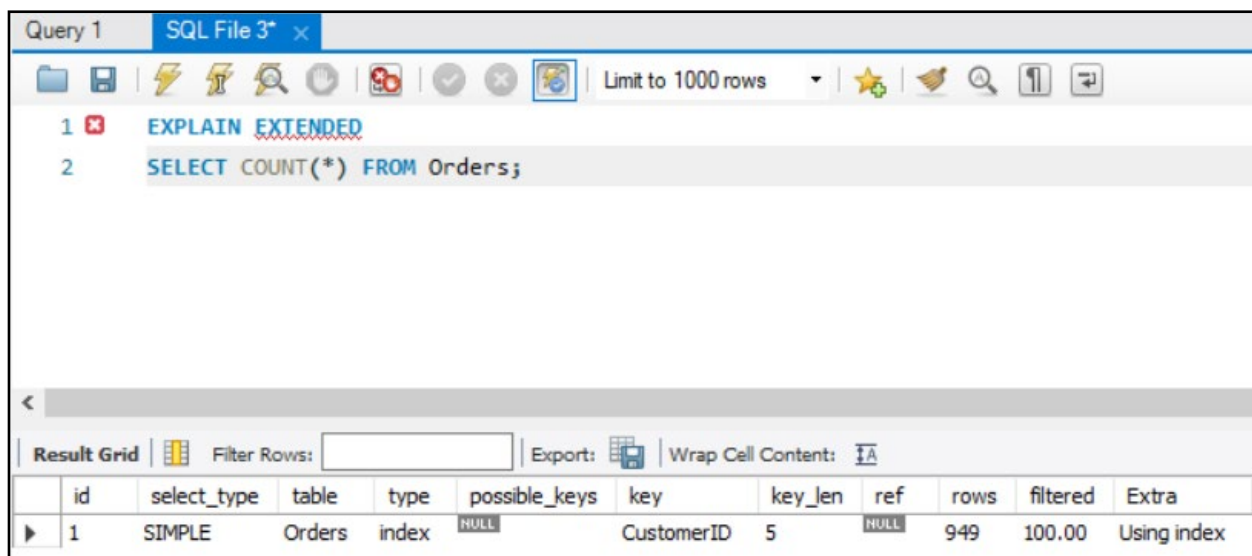
Query 1 x SQL File 3*

Limit to 1000 rows

1 • `SELECT COUNT(*) FROM Orders;`

Result Grid

	COUNT(*)
▶	949



Query 1 x SQL File 3*

Limit to 1000 rows

1 x `EXPLAIN EXTENDED`

2 `SELECT COUNT(*) FROM Orders;`

Result Grid

	id	select_type	table	type	possible_keys	key	key_len	ref	rows	filtered	Extra
▶	1	SIMPLE	Orders	index	NULL	CustomerID	5	NULL	949	100.00	Using index

Database engine is using SIMPLE select_type which means it is performing UNION operation here on Orders table. Operation is getting performed on CustomerID column. To perform this calculation database engine needs to go through each row to perform this calculation that is why filtered is 100% in this case and that is very expansive process to execute.