Description:

|  |  |
| --- | --- |
| Entity | Attribute |
| Customer\_info | Customer\_id(int), Customer\_name(Varchar(255)), First\_sale\_date(Date) |
| Product\_info | Part\_Number(int), quantity(int), Cost(float) |
| Sales\_info | Item\_sold(int), Date(Date), Price(int), Profit(float) |
| Store\_info | Employee\_id(int), Employee\_name(varchar(255)), Employee\_role(varchar(255)) |
| Supplier\_info | Supplier\_name(varchar(255)), Delivery\_time(Date), Next\_delivery\_date(Date), Expected\_qty(int) |

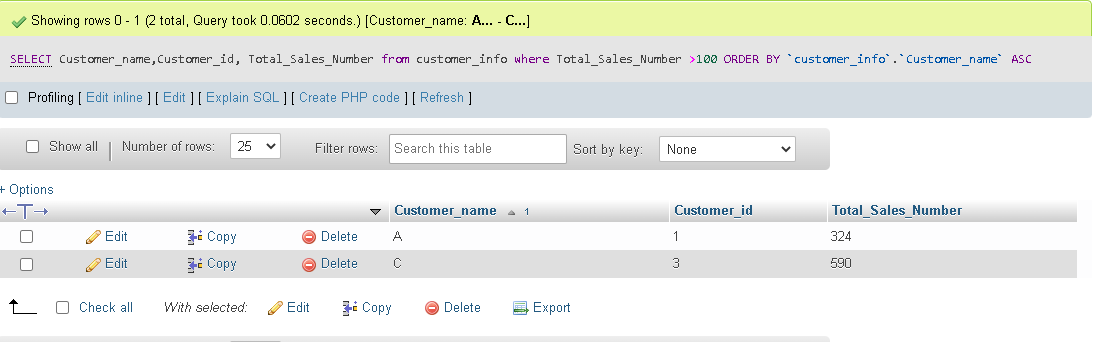
|  |
| --- |
| Primary Keys |
| 1. Customer\_id |
| 1. Employee\_id |

Only two primary keys are present, one from the Customer info Table and the other from the Store info Table. The database has no foreign keys. We generated a total of 5 tables in the database, the list of which can be seen in the above description. There are three numbers of data entries in each table.

Execution Queries:

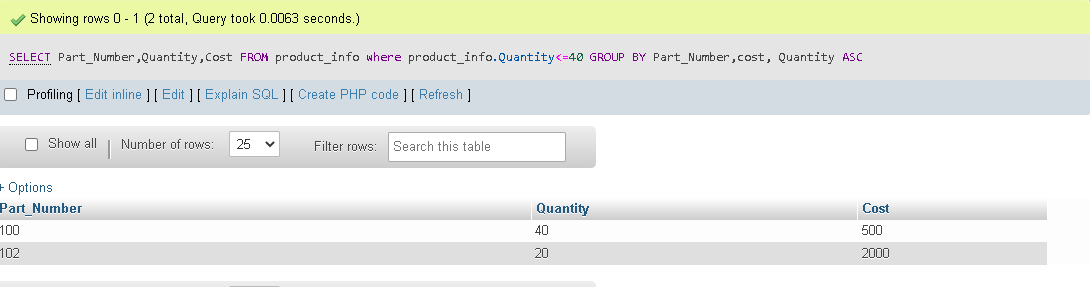
SELECT Customer\_name,Customer\_id, Total\_Sales\_Number from customer\_info where Total\_Sales\_Number >100 ORDER BY `customer\_info`.`Customer\_name` ASC

Outcomes:



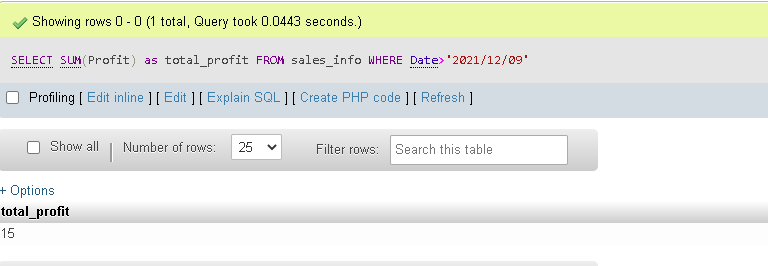
SELECT Part\_Number,Quantity,Cost FROM product\_info where product\_info.Quantity<=40 GROUP BY Part\_Number,cost, Quantity ASC

Outcomes:



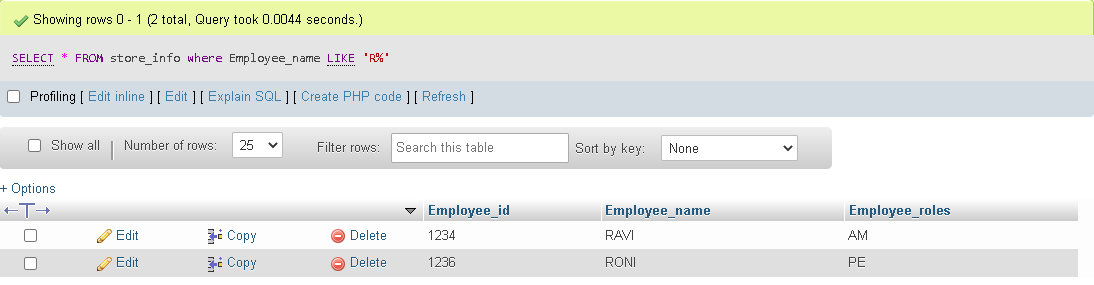
SELECT SUM(Profit) as total\_profit FROM sales\_info WHERE Date>'2021/12/09';

Outcomes:



SELECT \* FROM store\_info where Employee\_name LIKE 'R%';

Outcomes:



SELECT AVG(Expected\_qty) as Average\_expectation from supplier\_info where Next\_delivery\_date>'2022/11/04';

Outcomes:

