**Online Grocery Store**

**Gundrala Bharath Kumar**

**Project part - 5**

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**Github::**

https://github.com/bharath4568/index-SQL

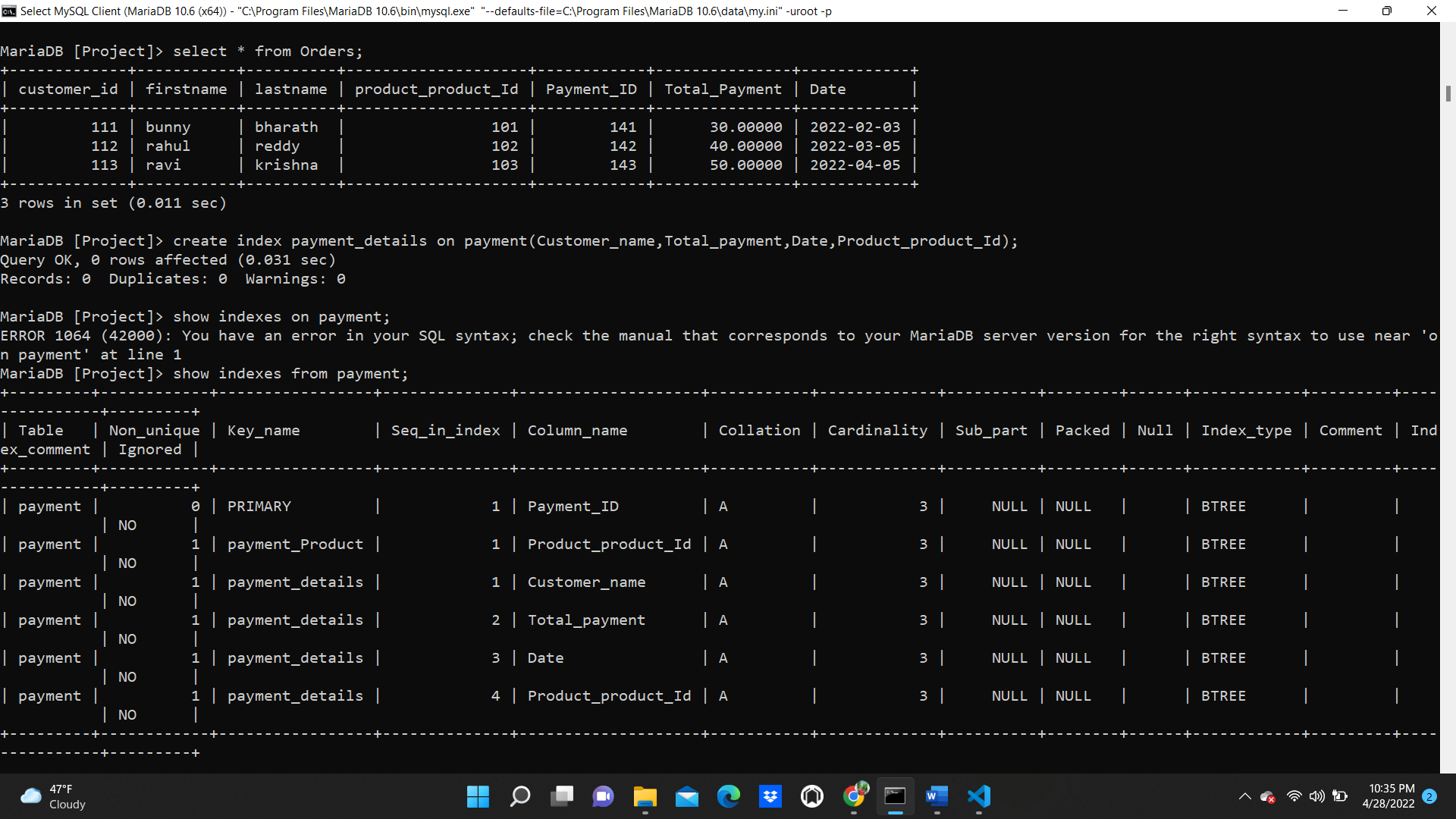
**Indexes :**

I have created two indexes like Payment\_Details, Product\_Details.

**Payment\_Details**

create index payment\_details on payment(Customer\_name,Total\_payment,Date,Product\_product\_Id);

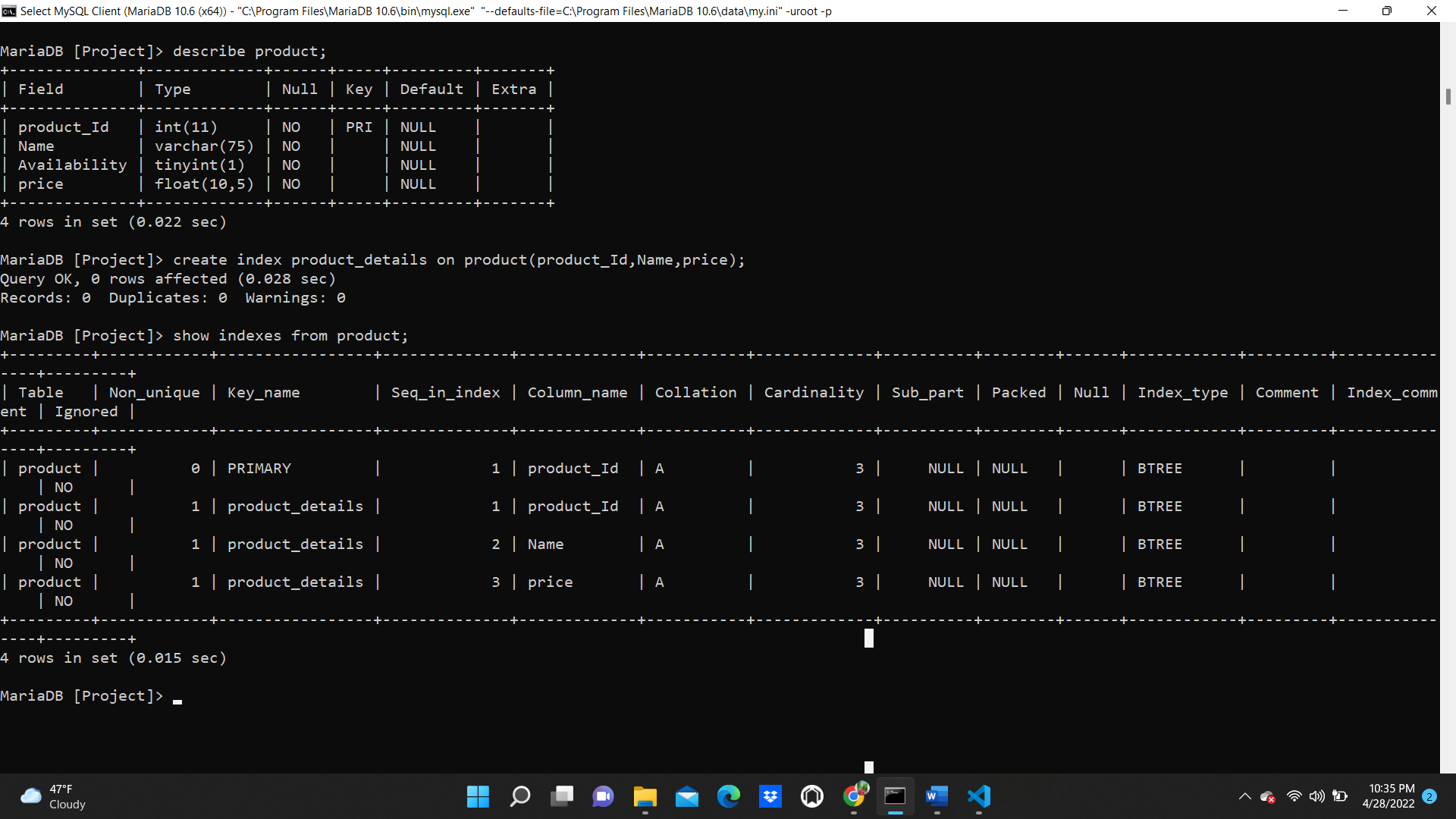
Above index is used for user to view the payment details.



**Product\_Details**

create index product\_details on product(product\_Id,Name,price);

Above index is used for user to search the product details.



**Views :**

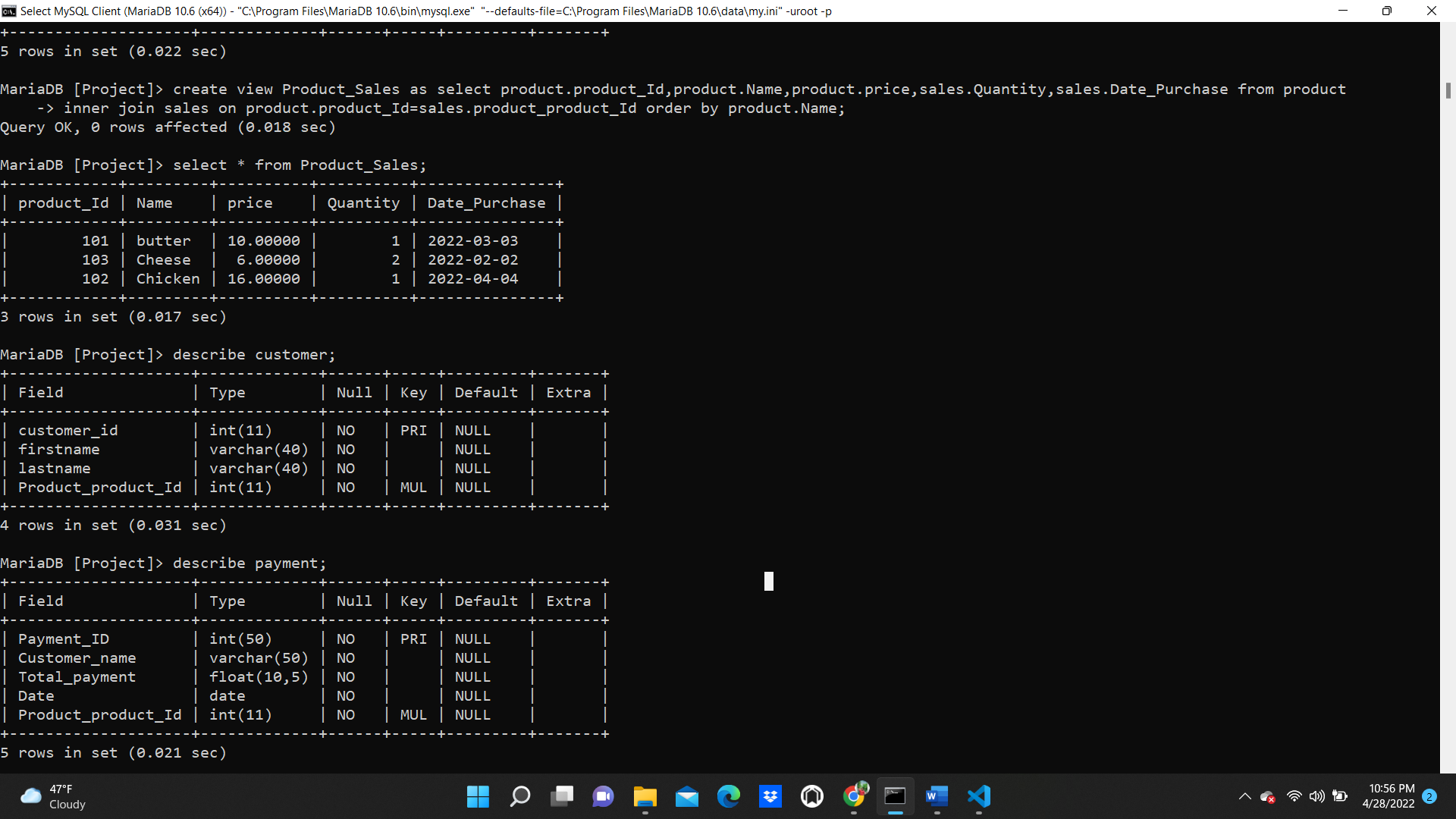
I have created two views as Product\_Sales and orders

**Product\_Sales :**

create view Product\_Sales as select product.product\_Id,product.Name,product.price,sales.Quantity,sales.Date\_Purchase from product

-> inner join sales on product.product\_Id=sales.product\_product\_Id order by product.Name;

This view is used by admin , when admin wants to see the product sales.



**Orders :**

create view Orders as select customer.customer\_id,customer.firstname,customer.lastname,customer.product\_product\_Id,payment.Payment\_ID,payment.Total\_Payment,payment.Date from customer

-> inner join payment on customer.product\_product\_Id=payment.product\_product\_Id order by customer.firstname;

The above view is used for orders, it is useful to view the orders by admin.

