

MySQL Assignment

Using the Query 2 you created change the points to reads times by 10 and plus 100. Record your results in your word document.

```
SELECT last_name, last_name, points, (points+10)+100 FROM CUSTOMERS
```

Change the Query 2 code to create a discount factor so the table now shows a discount header and changing the (point + 10) *100

```
SELECT last_name, last_name, points, (points+10)*100 as discount_factor  
FROM CUSTOMERS
```

Write a SQL query to return all the products in our database in the result set. I want you to make three new columns, name, unit price, and new column called new price which is based on this expression, (unit price * 1.1).

So what you are doing is increasing the product price of each by 10%.

So with the query we want all the products the original price and the new price

```
ALTER TABLE products  
ADD column newprice DECIMAL(10, 2);  
UPDATE products SET newprice = (unit_price * 1.1);  
SELECT * FROM products;
```

In this task create a new query to find all the customers with a birth date of > '1990-01-01'

```
SELECT *FROM customers  
WHERE birth_date >'1990-01-01';
```

Select sql_inventory.

Write a query to find out the name of the product with most amount in stock.

```
select max(unit_price) from products;
```

Select sql_inventory.

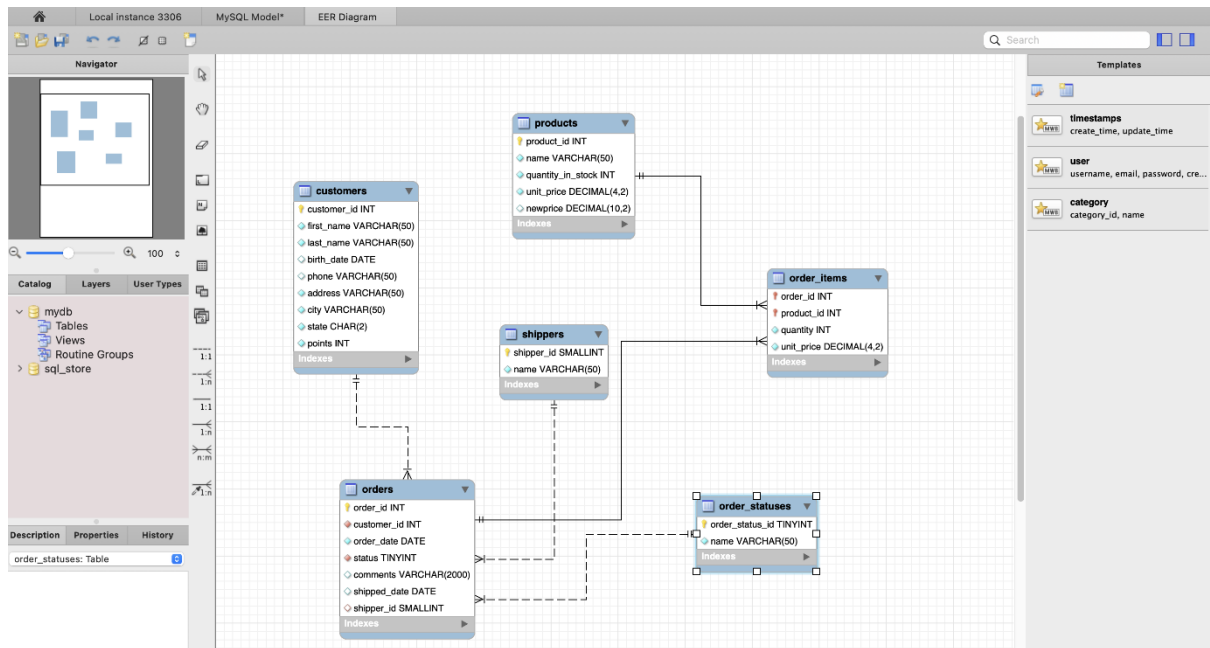
Write a query to find out the name of the most expensive product.

```
select * from products  
order by unit_price desc limit 1
```

Select sql_customers.

Write a query to find out the first name, last name, address and the birthdate of the oldest customer.

```
select first_name,last_name,address,birth_date from customers  
order by birth_date asc limit 1;
```



Primary key: Table customers field customer_id Table products field product_id Table order_statuses field order_status_id Table shippers field shipper_id Table orders field order_id Foreign key products to customers one to one.

Foreign key products to orders one to many

Foreign key products to customers is one to one Foreign key products to orders is one to many Foreign key products to order_items is one to many Foreign key shippers to orders is one to many Foreign key orders to order_items is one to many.