



National University
Of Computer and Emerging Sciences

LAB #08

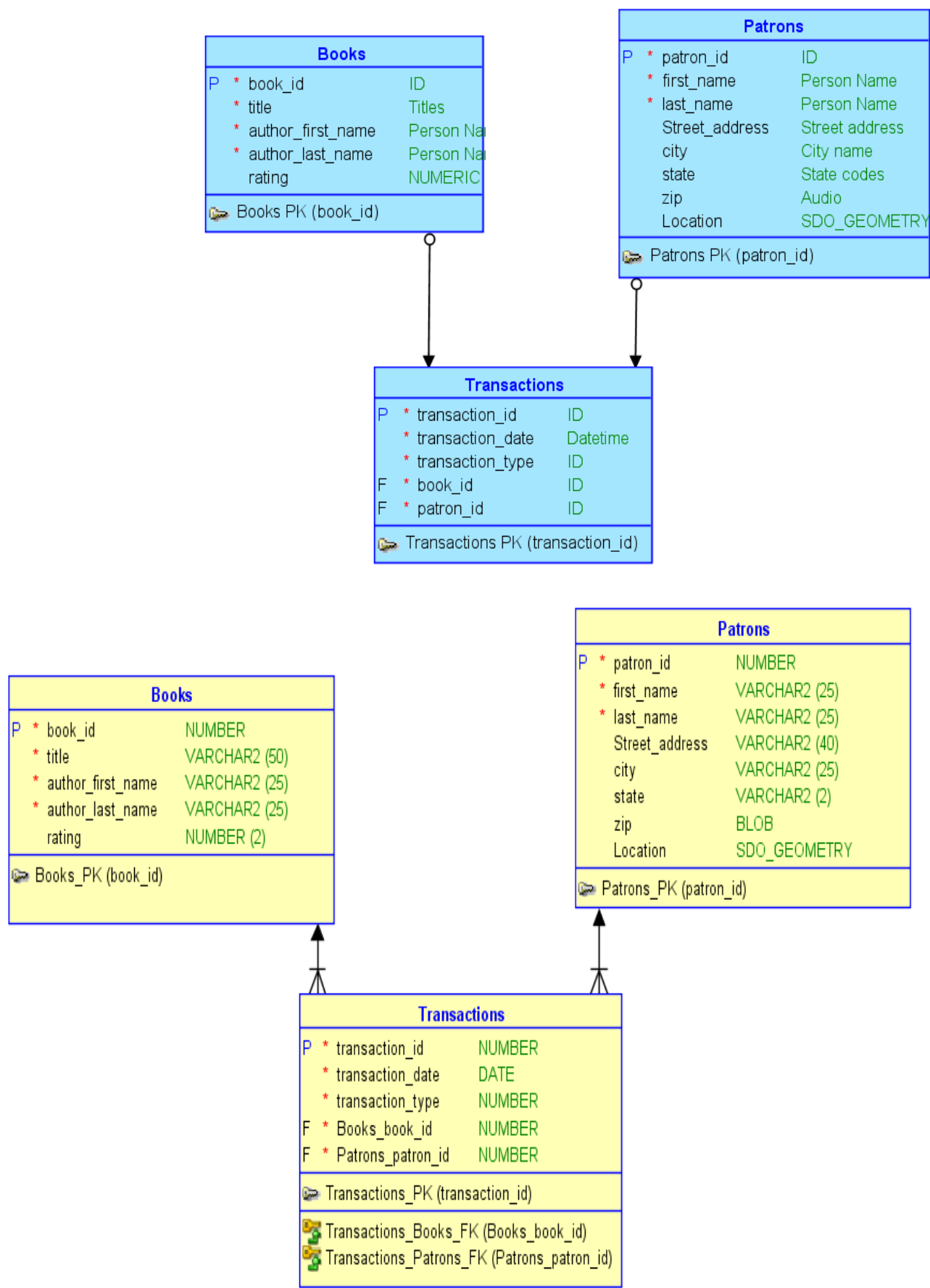
Name – Muhammad Taha

Roll NO – 23P-0559

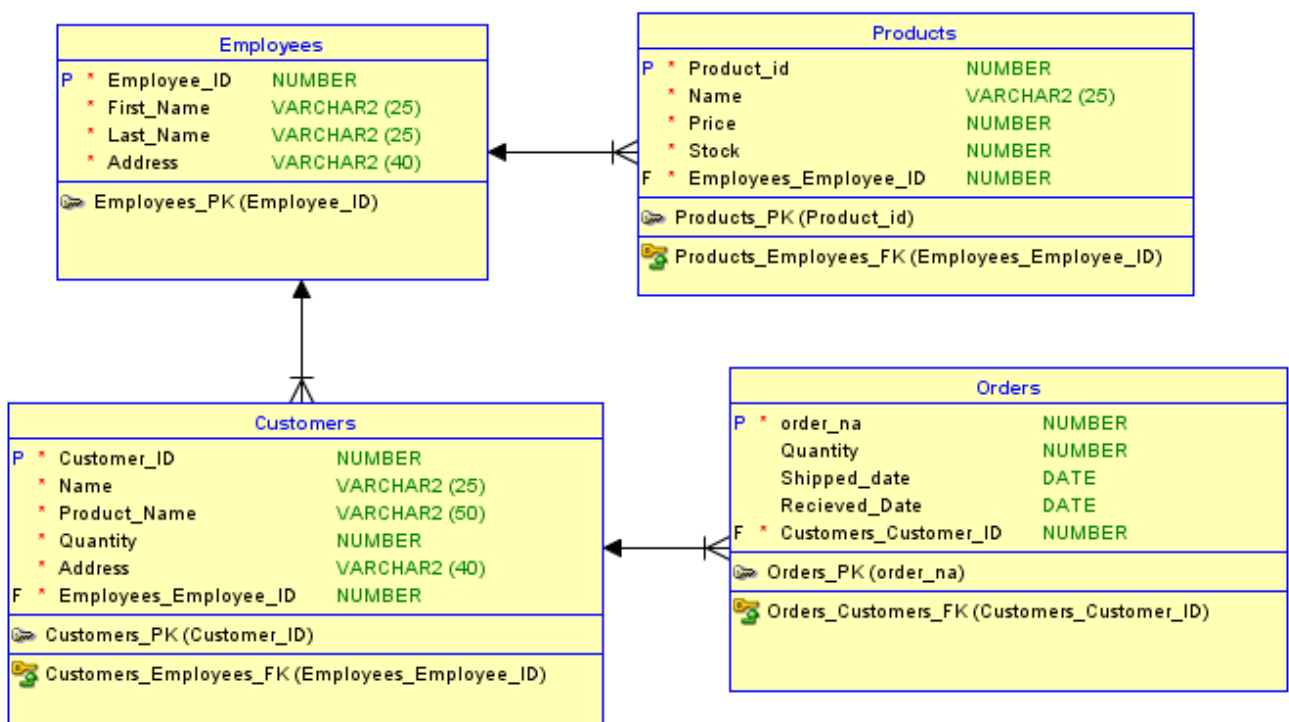
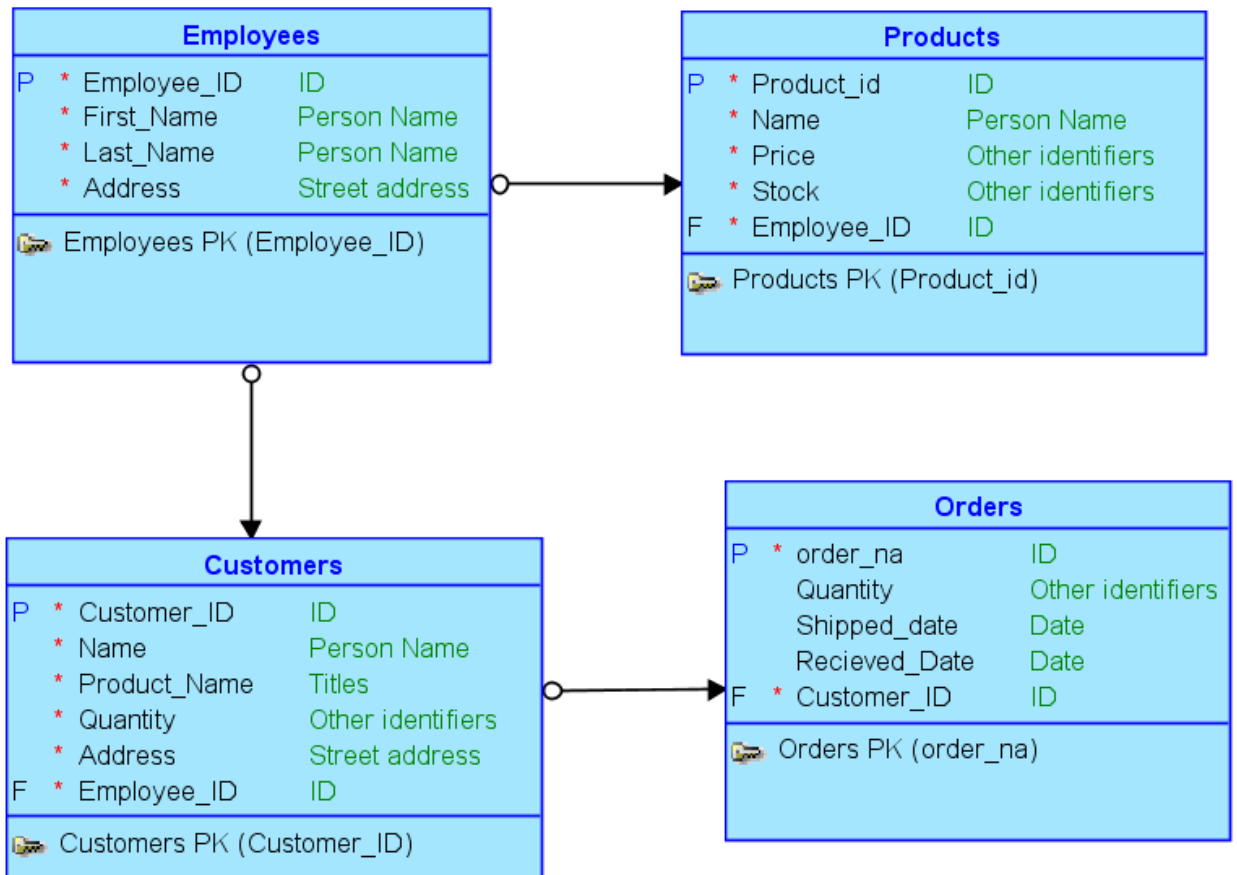
SECTION – BCS(4A)

Subject – Database Systems LABS

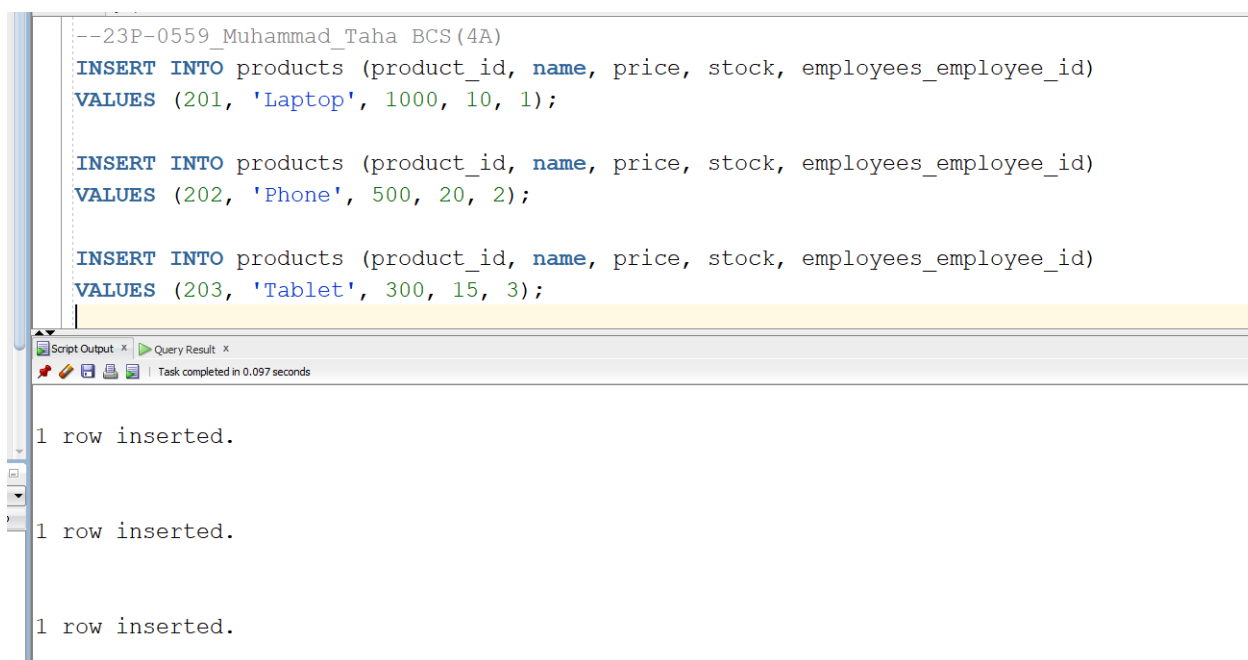
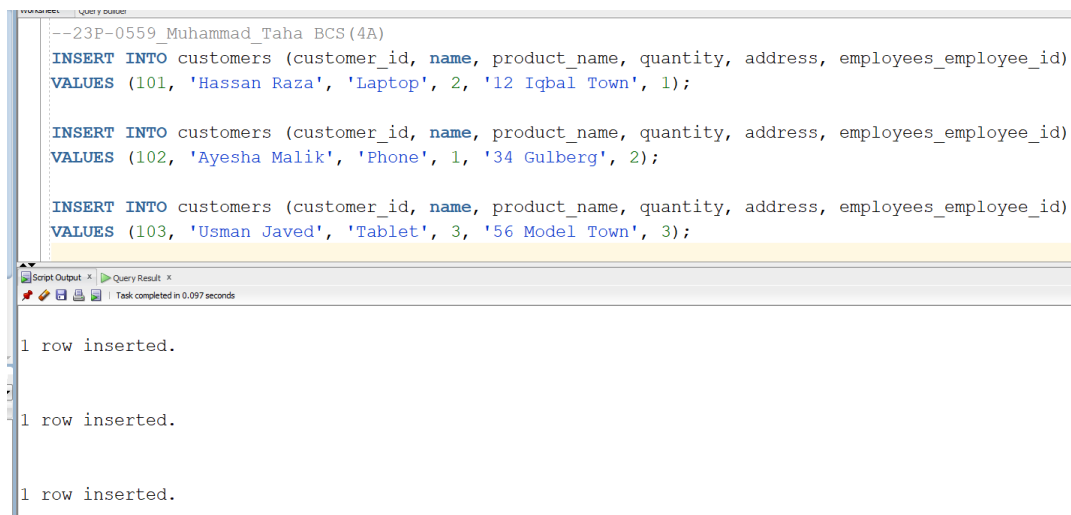
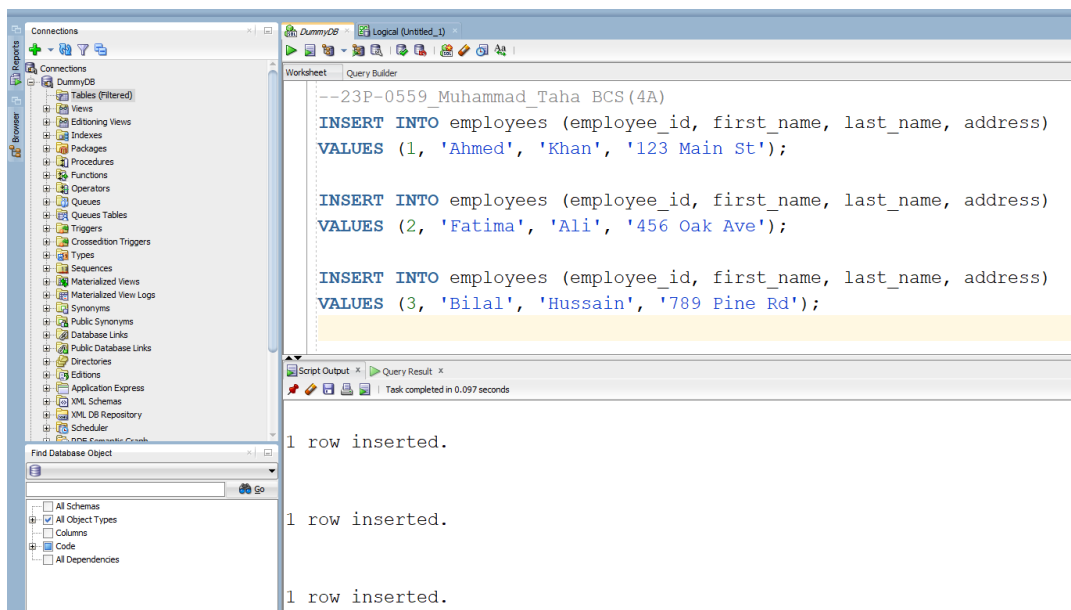
Task: 01



Task: 02



Insert Data in new DATABASE:



```
--23P-0559_Muhammad_Taha_BCS(4A)
INSERT INTO orders (order_na, quantity, shipped_date, recieved_date, customers_customer_id)
VALUES (301, 2, TO_DATE('2025-03-25', 'YYYY-MM-DD'), TO_DATE('2025-03-27', 'YYYY-MM-DD'), 101);

INSERT INTO orders (order_na, quantity, shipped_date, recieved_date, customers_customer_id)
VALUES (302, 1, TO_DATE('2025-03-26', 'YYYY-MM-DD'), NULL, 102);

INSERT INTO orders (order_na, quantity, shipped_date, recieved_date, customers_customer_id)
VALUES (303, 3, TO_DATE('2025-03-27', 'YYYY-MM-DD'), TO_DATE('2025-03-29', 'YYYY-MM-DD'), 103);
```

1 row inserted.

1 row inserted.

1 row inserted.

Retrive data:

Worksheet Query Builder

```
--23P-0559_Muhammad_Taha_BCS(4A)
select * from EMPLOYEES;
```

Script Output x Query Result x

All Rows Fetched: 3 in 0.014 seconds

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	ADDRESS
1	Ahmed Khan	123 Main St	
2	Fatima Ali	456 Oak Ave	
3	Bilal Hussain	789 Pine Rd	

Worksheet Query Builder

```
--23P-0559_Muhammad_Taha_BCS(4A)
select * from CUSTOMERS;
```

Script Output x Query Result x

All Rows Fetched: 3 in 0.041 seconds

CUSTOMER_ID	NAME	PRODUCT_NAME	QUANTITY	ADDRESS	EMPLOYEES_EMPLOYEE_ID
1	101Hassan Raza	Laptop	2	123 Iqbal Town	1
2	102Avesha Malik	Phone	1	134 Gulberg	2
3	103Usman Javed	Tablet	3	356 Model Town	3

Worksheet Query Builder

```
--23P-0559_Muhammad_Taha_BCS(4A)
select * from ORDERS;
```

Script Output x Query Result x

All Rows Fetched: 3 in 0.008 seconds

ORDER_ID	QUANTITY	SHIPPED_DATE	RECIEVED_DATE	CUSTOMERS_CUSTOMER_ID
1	301	225-MAR-25	27-MAR-25	101
2	302	126-MAR-25 (null)		102
3	303	327-MAR-25	29-MAR-25	103

Worksheet Query Builder

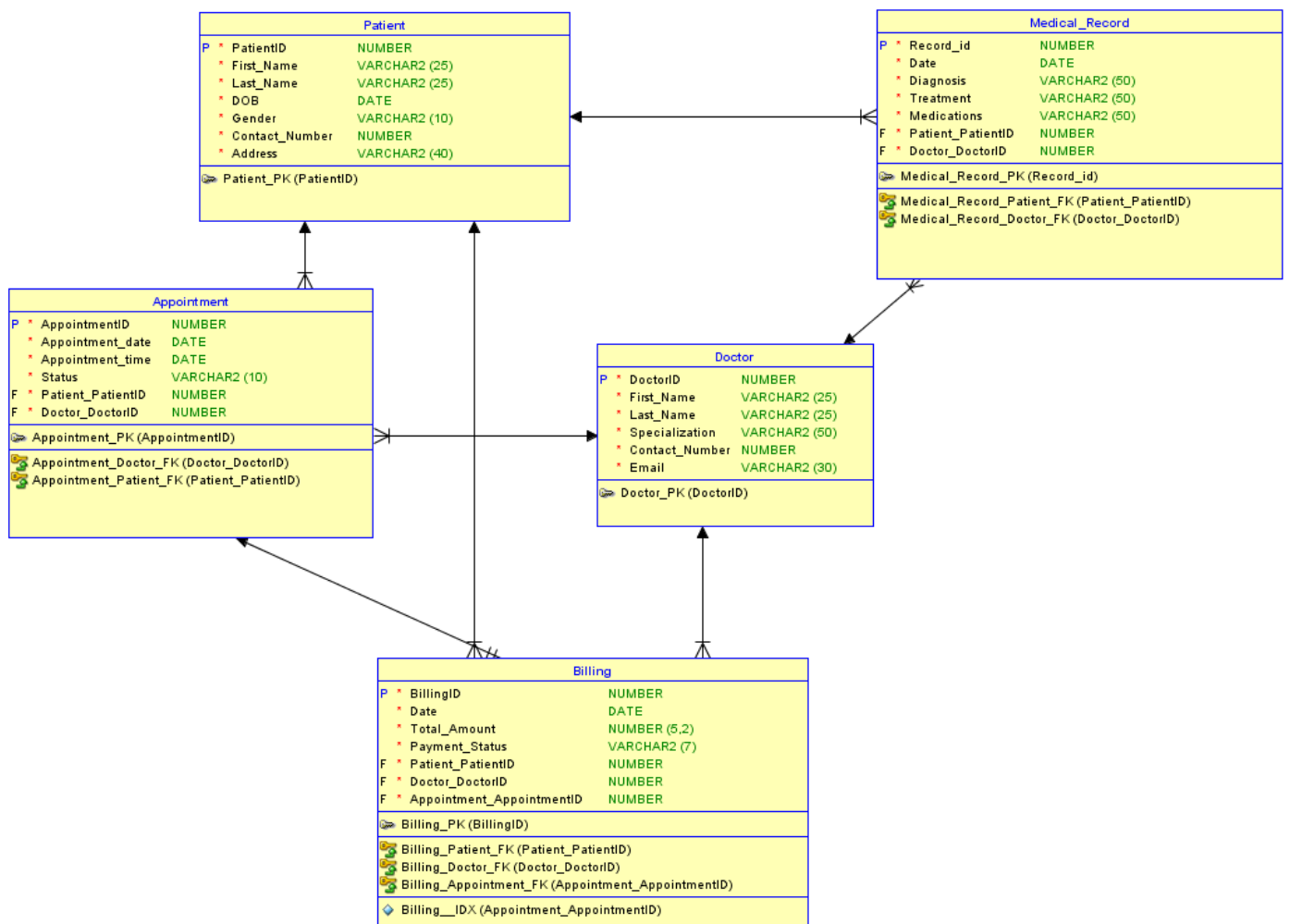
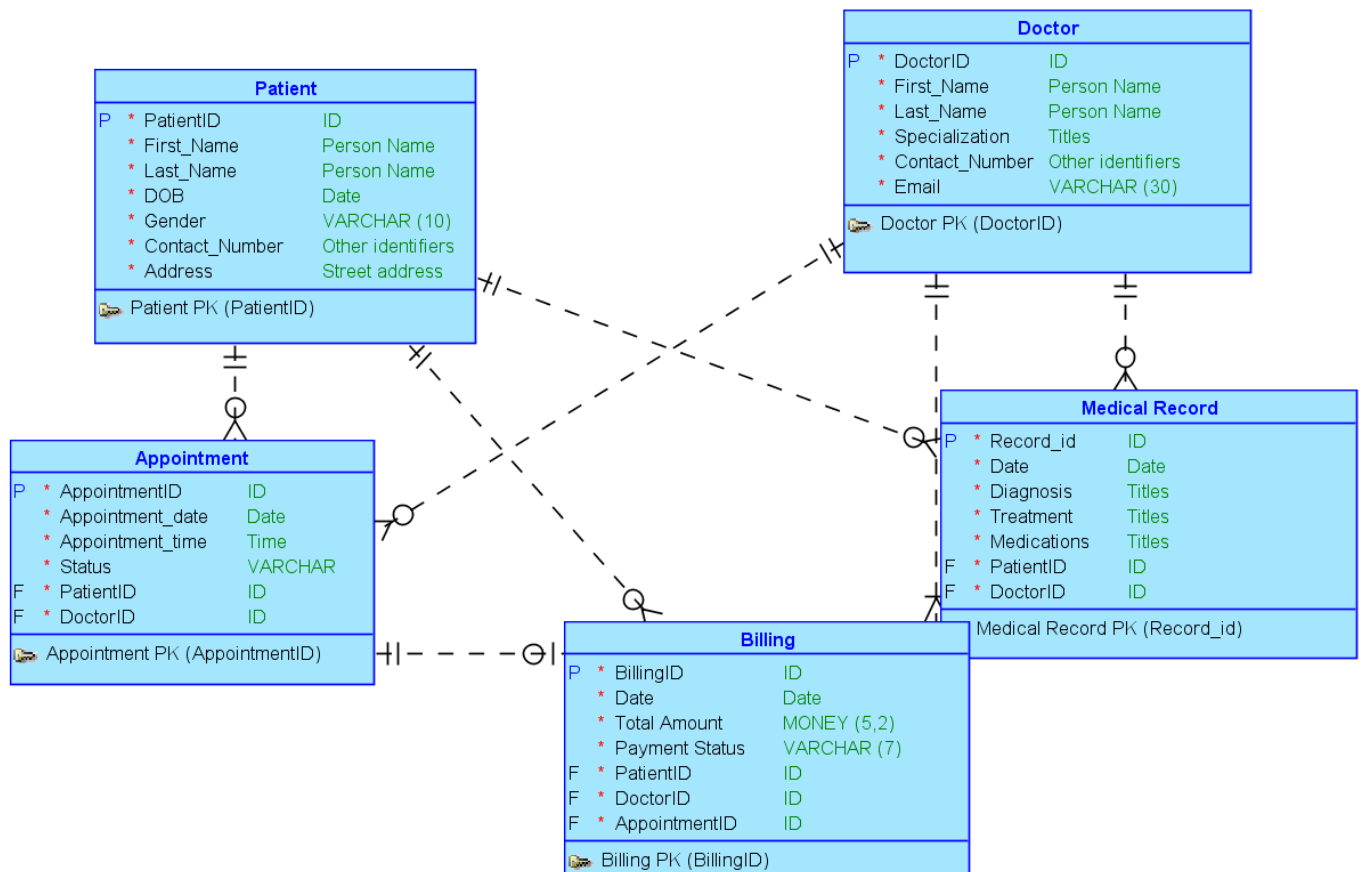
```
--23P-0559_Muhammad_Taha_BCS(4A)
select * from PRODUCTS;
```

Script Output x Query Result x

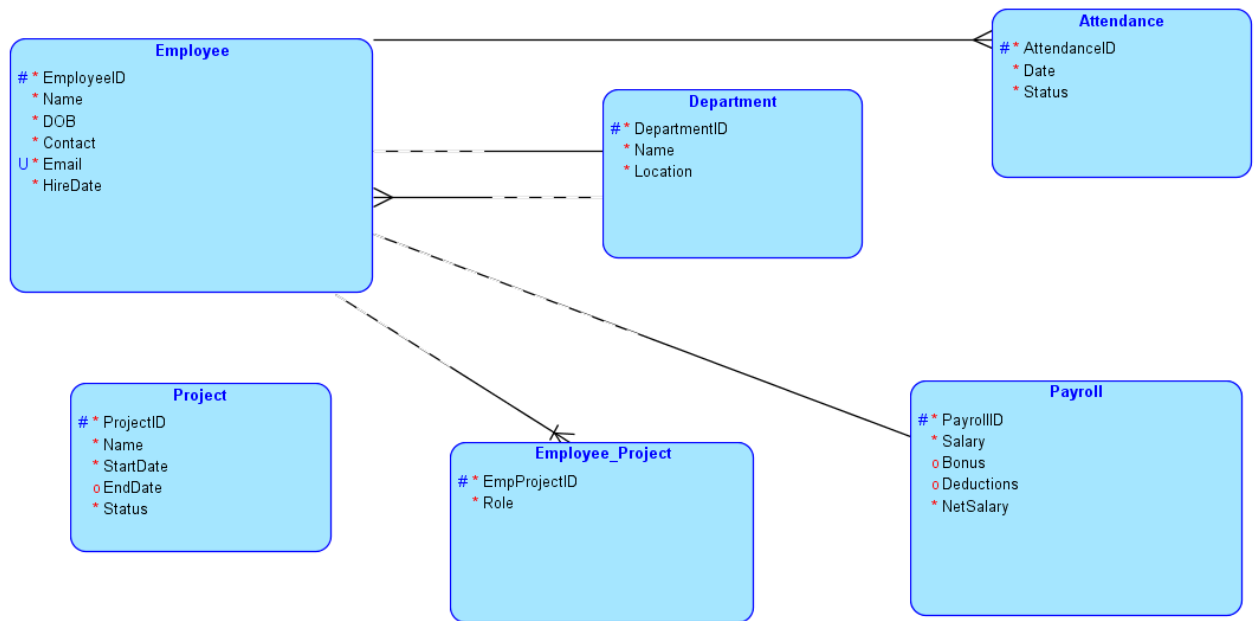
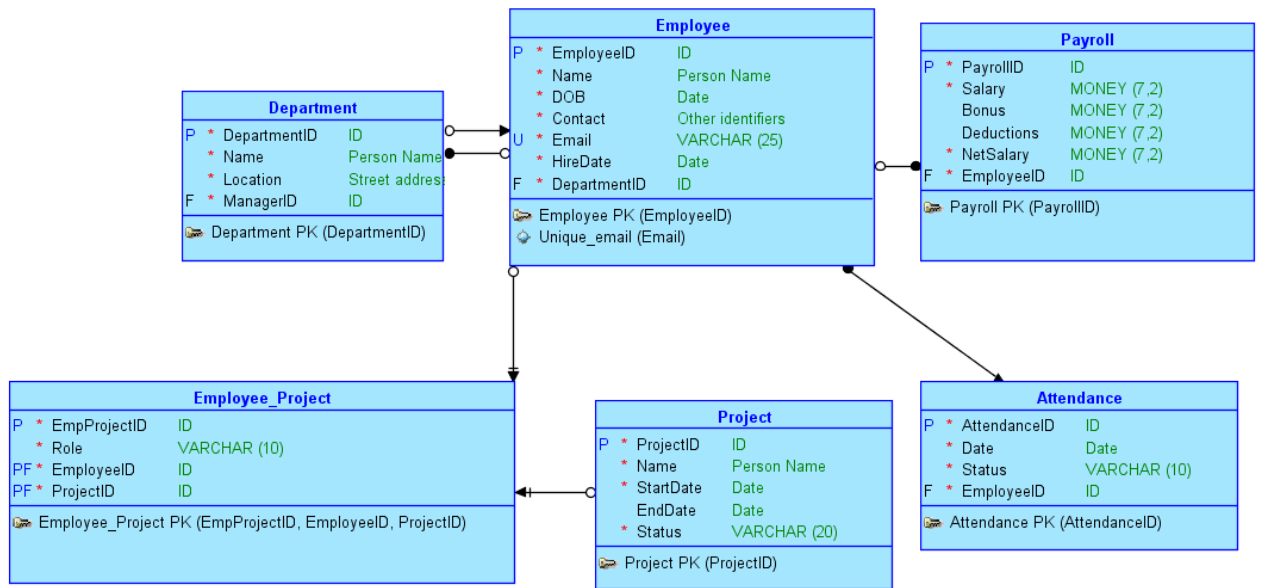
All Rows Fetched: 3 in 0.008 seconds

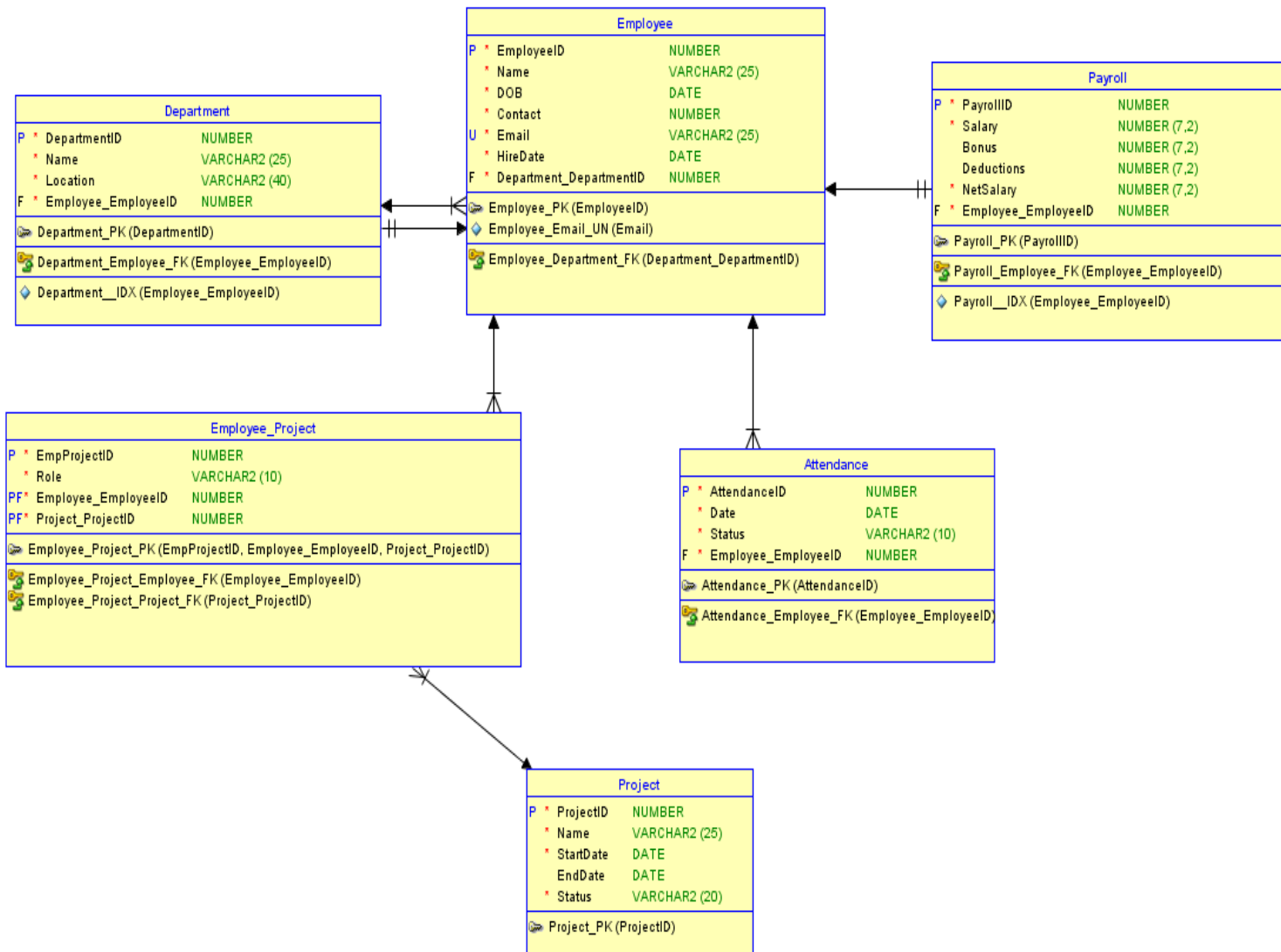
PRODUCT_ID	NAME	PRICE	STOCK	EMPLOYEES_EMPLOYEE_ID
1	201Laptop	1000	10	1
2	202Phone	500	20	2
3	203Tablet	300	15	3

Task: 03



Task: 04





Task: 05

