

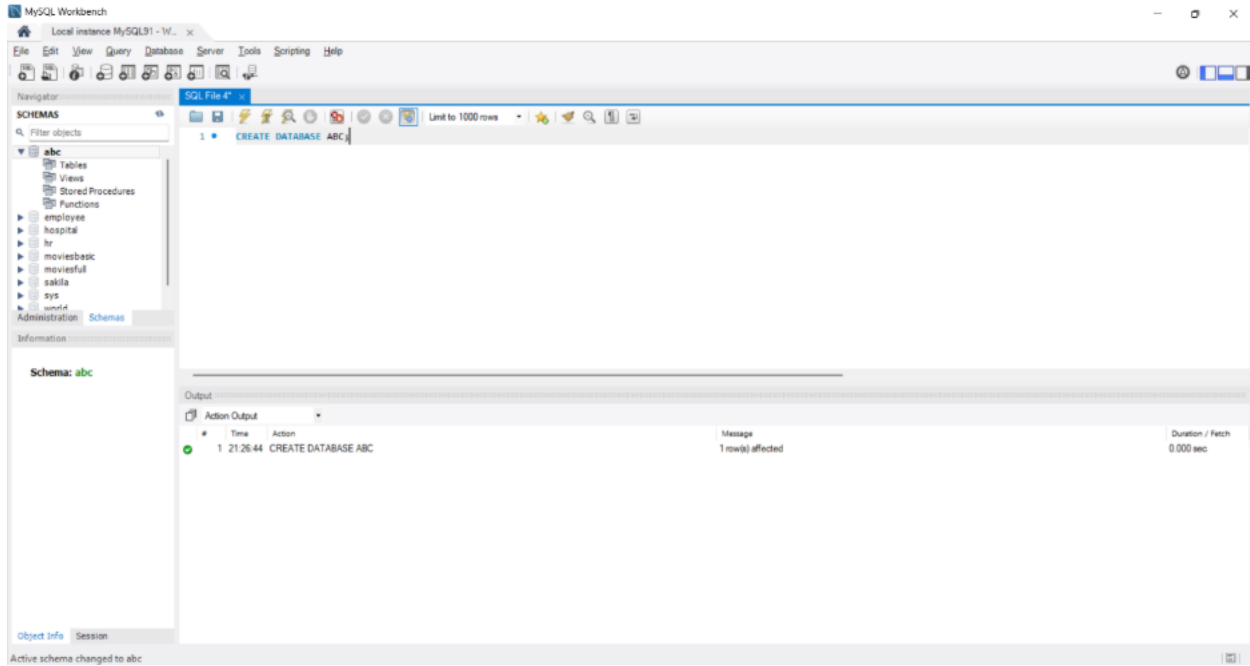
Project Part II

IST 210

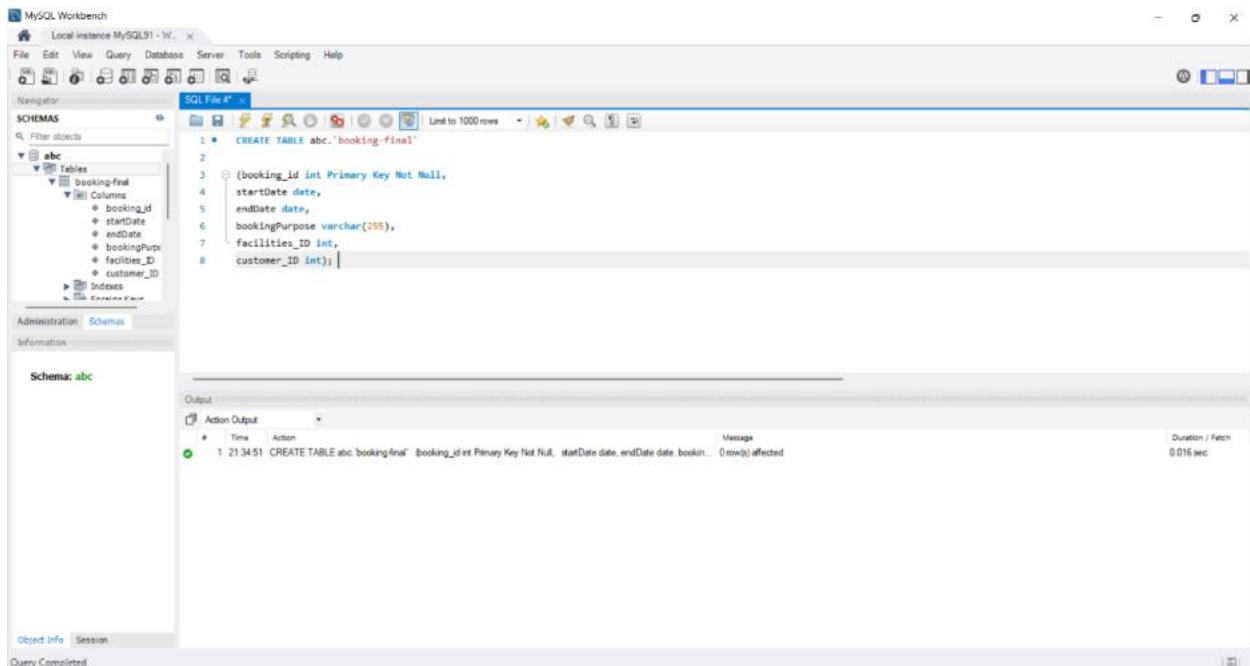
4/20/2025

Screenshots of SQL Statements:

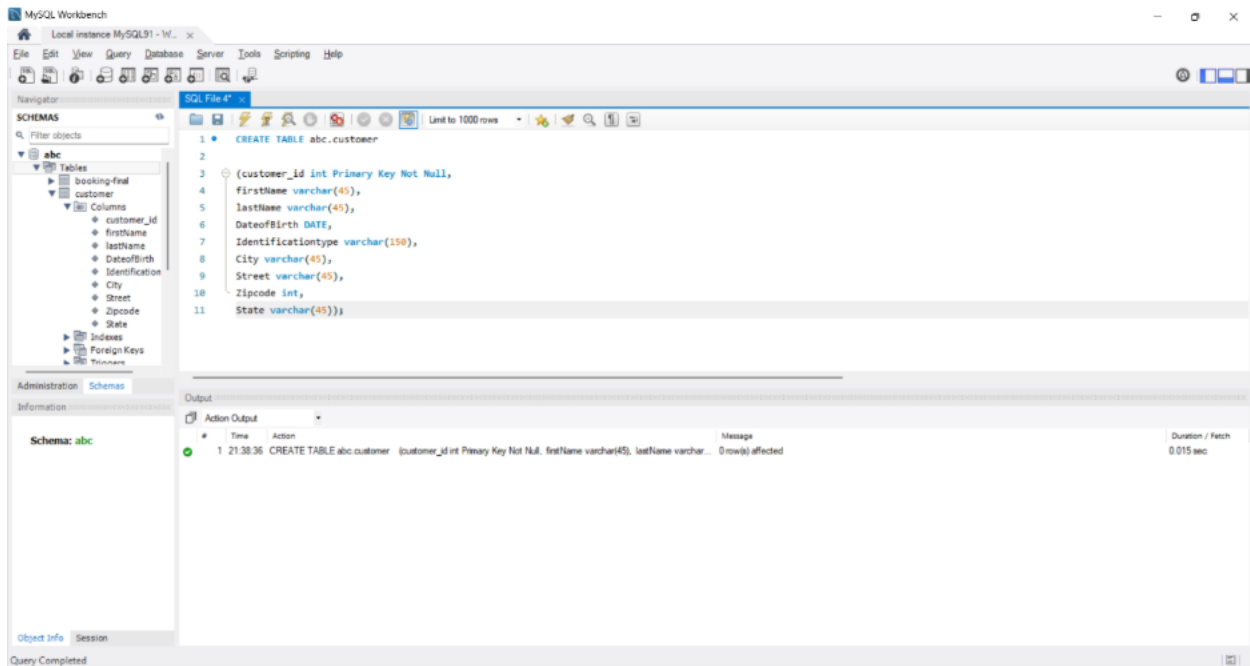
Screenshot #1 – Database creation:



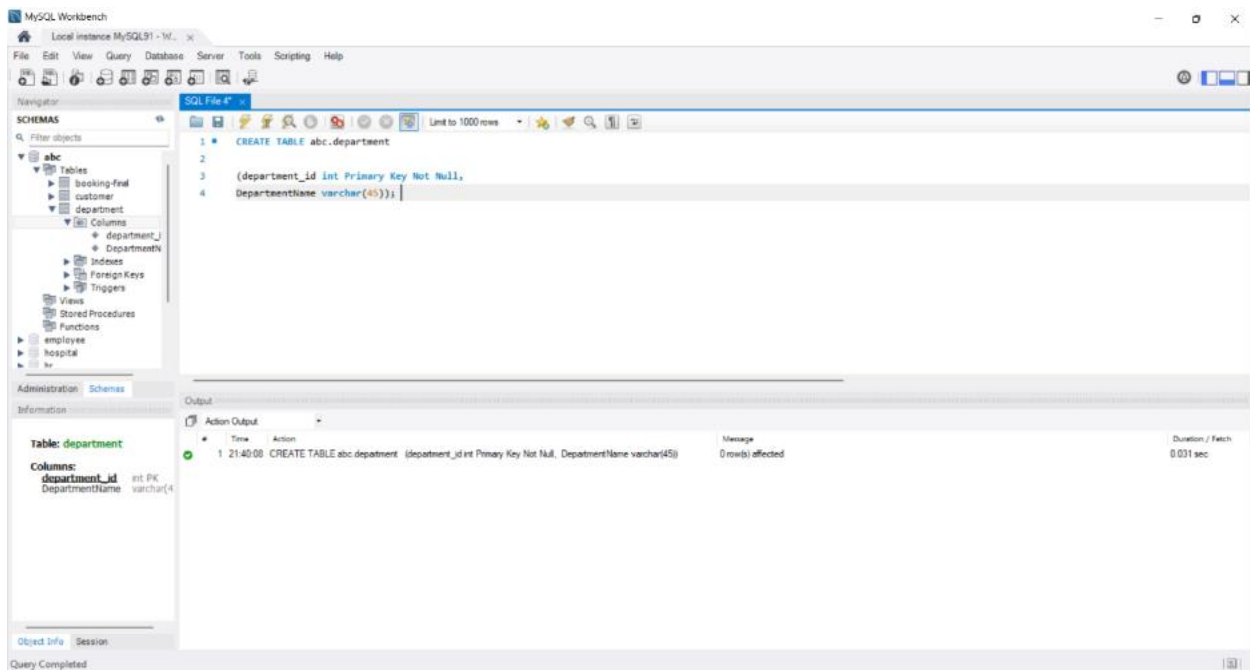
Screenshot #2 – 'Booking' Table Creation:



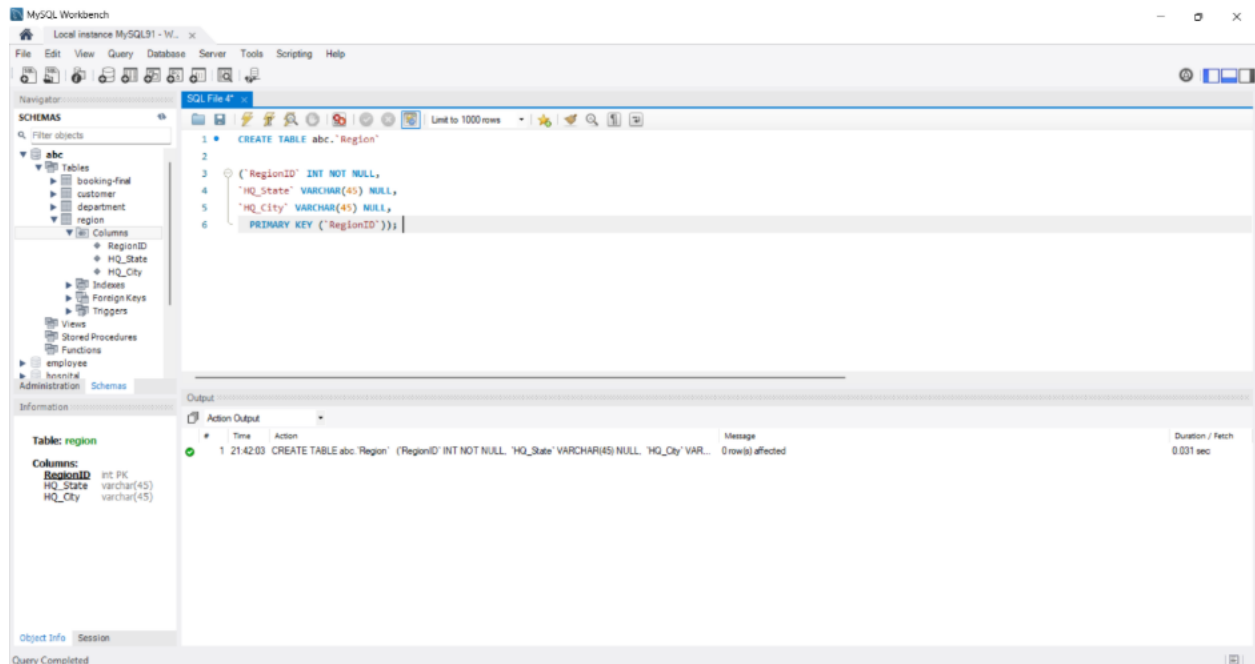
Screenshot #3 - 'Customer' Table Creation:



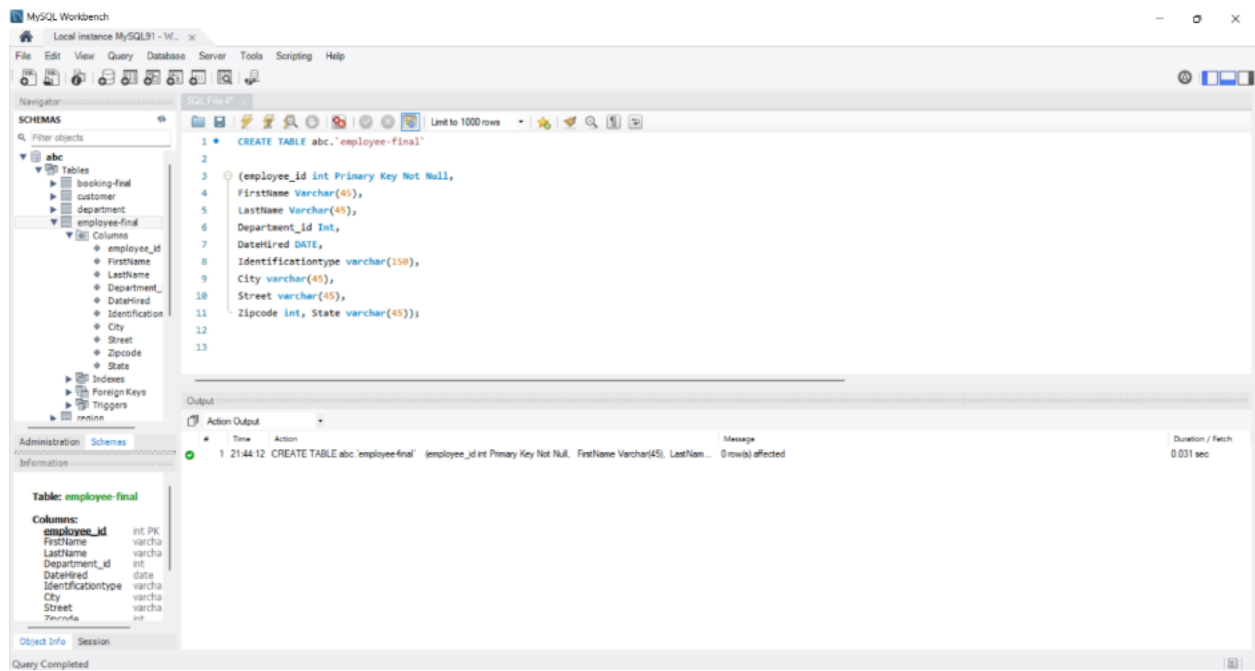
Screenshot #4 - 'Department' Table Creation:



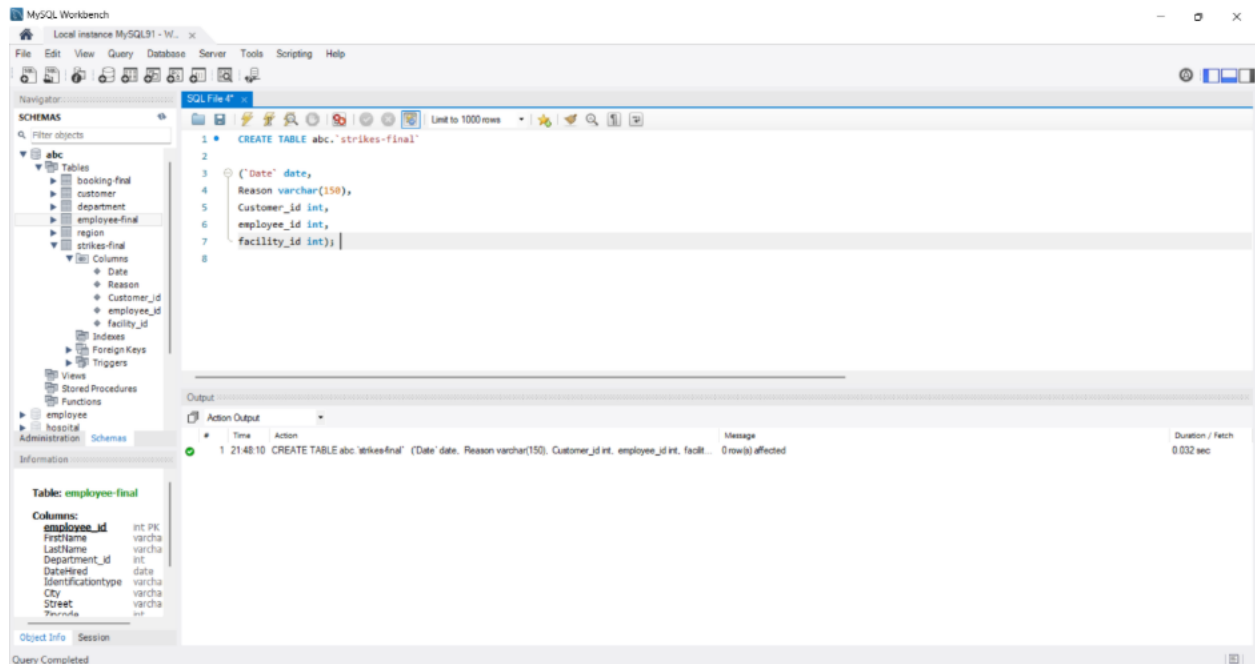
Screenshot #5 - 'Region' Table Creation:



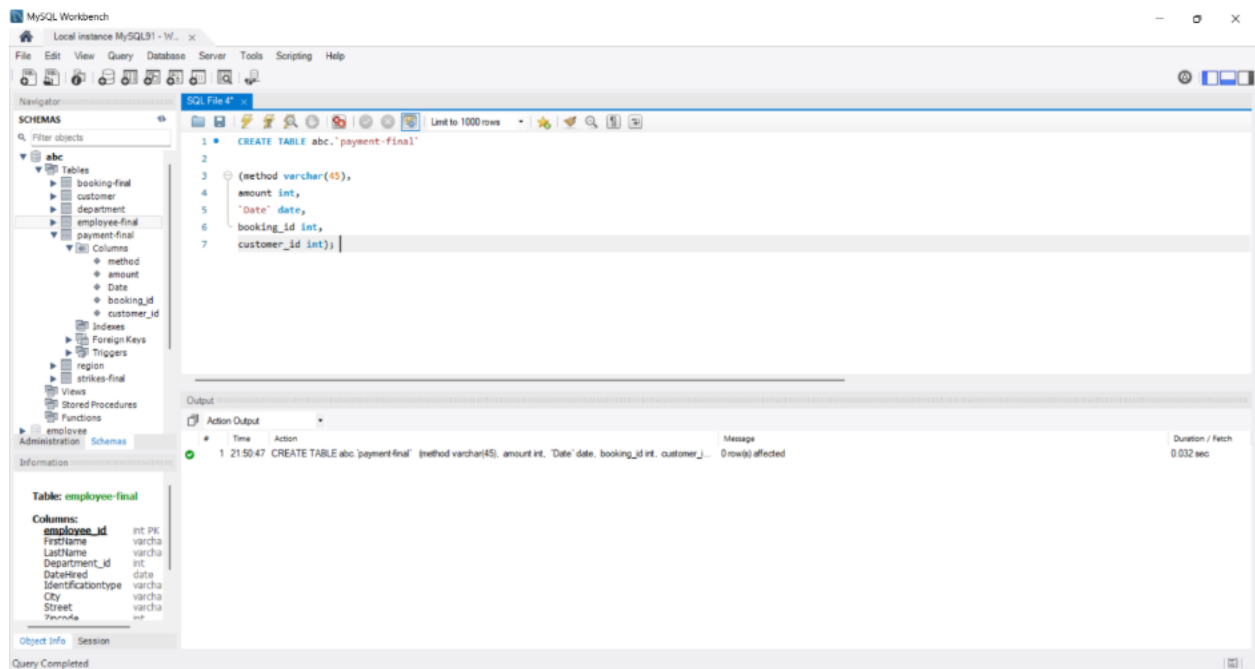
Screenshot #6 – ‘Employee’ Table Creation:



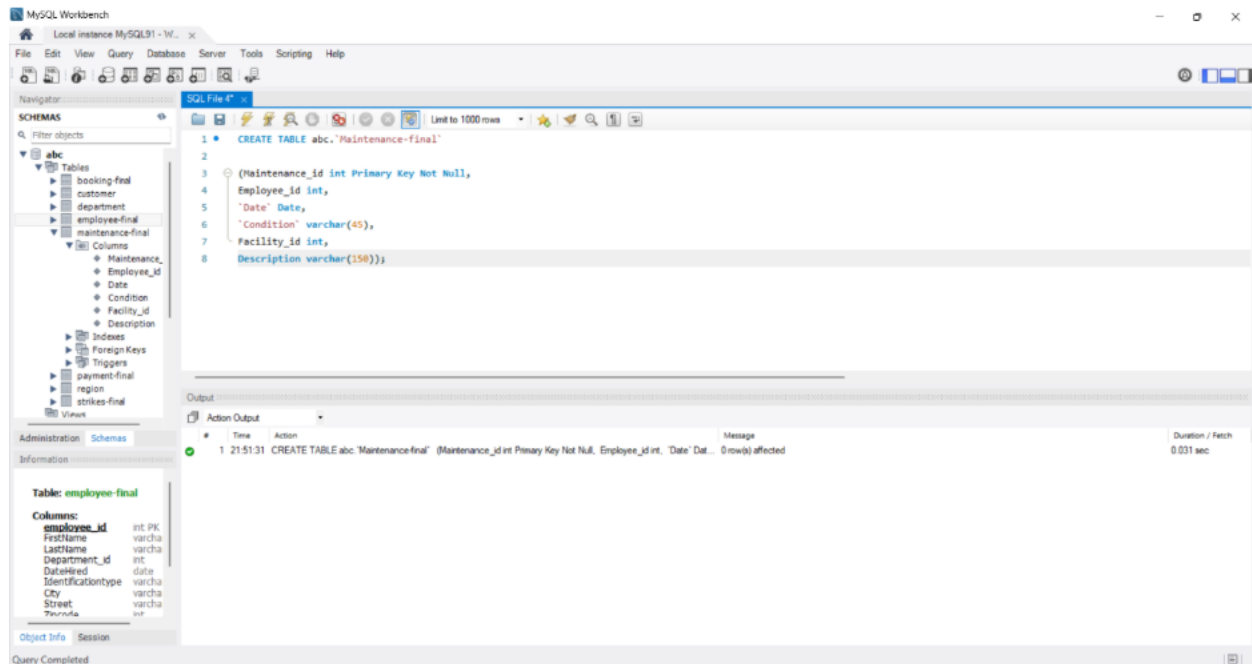
Screenshot #7 – ‘Strikes’ Table Creation:



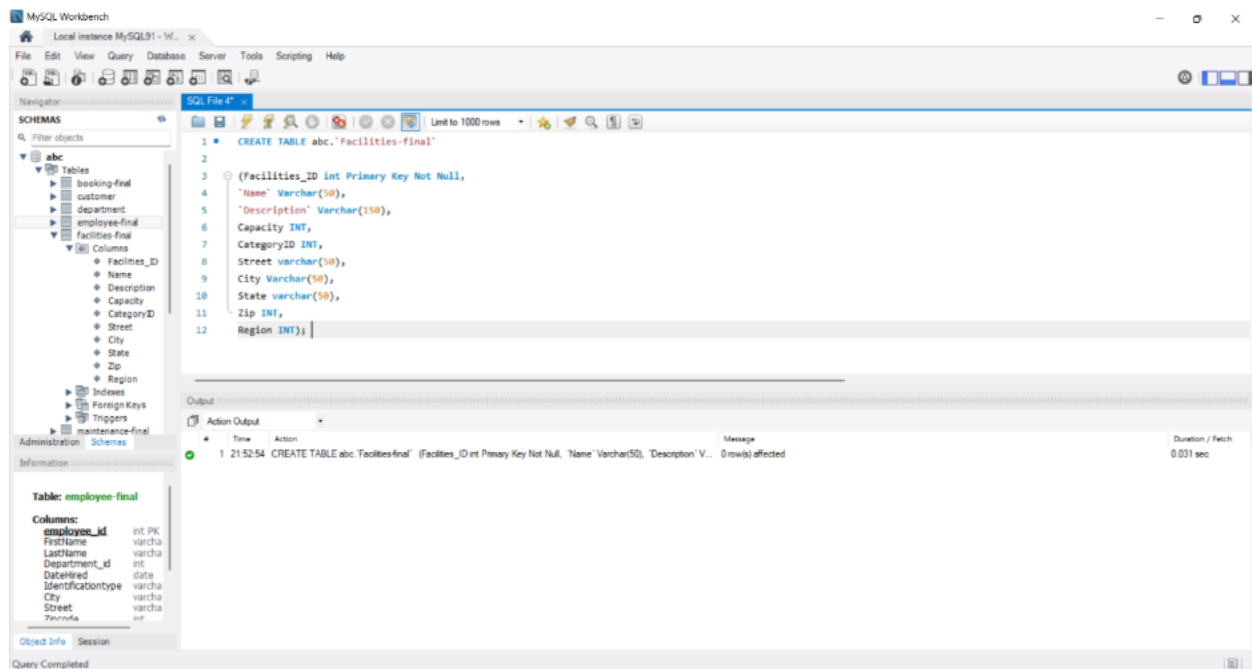
Screenshot #8 – ‘Payment’ Table Creation:



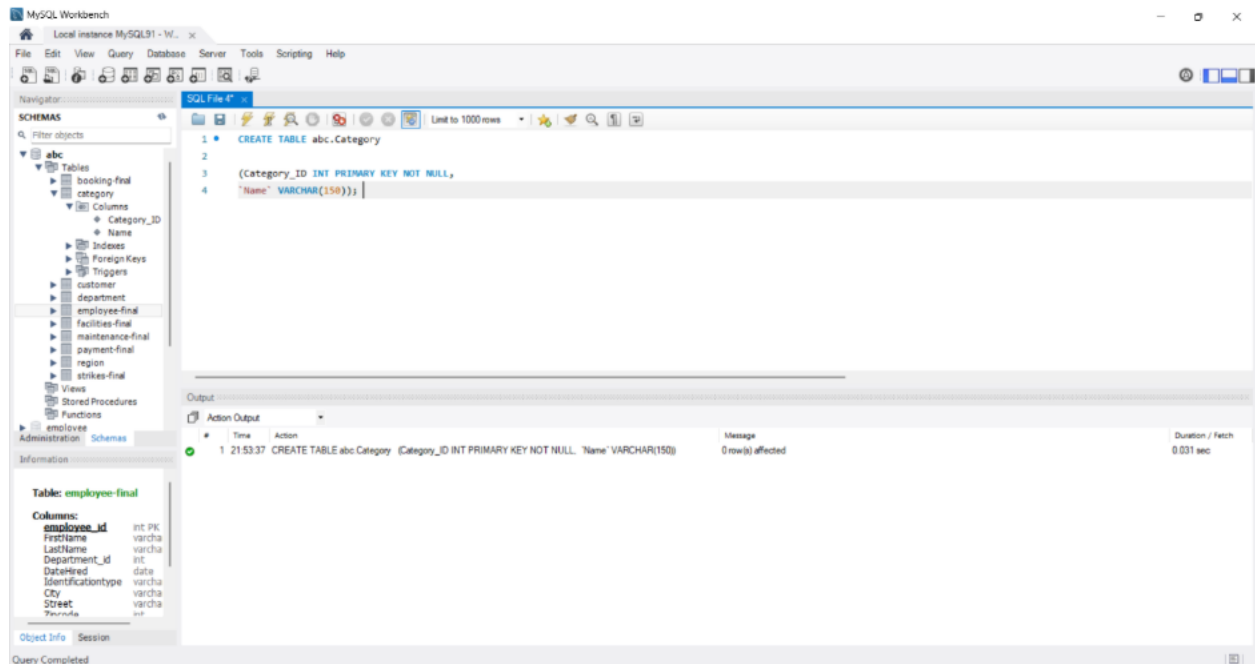
Screenshot #9 – ‘Maintenance’ Table Creation:



Screenshot #10 – ‘Facilities’ Table Creation:



Screenshot #11 – ‘Category’ Table Creation:



Text of SQL Statements:

CREATE DATABASE ABC;

CREATE TABLE abc.`booking-final`
 (booking_id int Primary Key Not Null,
 startDate date, endDate date, bookingPurpose varchar(255),
 facilities_ID int, customer_ID int);

CREATE TABLE abc.customer

(customer_id int Primary Key Not Null,
 firstName varchar(45), lastName varchar(45), DateofBirth DATE,
 Identificationtype varchar(150), City varchar(45), Street varchar(45),

Zipcode int, State varchar(45));

```
CREATE TABLE abc.department
(department_id int Primary Key Not Null,
DepartmentName varchar(45));
```

```
CREATE TABLE `ABC`.`Region` (
  `RegionID` INT NOT NULL,
  `HQ_State` VARCHAR(45) NULL,
  `HQ_City` VARCHAR(45) NULL,
  PRIMARY KEY (`RegionID`));
```

```
CREATE TABLE abc.`employee-final`
```

```
(employee_id int Primary Key Not Null,
```

```
FirstName Varchar(45), LastName Varchar(45),
```

```
Department_id Int,
```

```
DateHired DATE,
```

```
Identificationtype varchar(150), City varchar(45), Street varchar(45),
```

```
Zipcode int, State varchar(45));
```

```
CREATE TABLE abc.`strikes-final`
```

```
(`Date` date,
```

```
Reason varchar(150),
```



```
Customer_id int,  
employee_id int,  
facility_id int);
```

```
CREATE TABLE abc.`payment-final`  
(method varchar(45),  
amount float,  
`Date` date,  
booking_id int,  
customer_id int);
```

```
CREATE TABLE abc.`Maintenance-final`  
(Maintenance_id int Primary Key Not Null,  
Employee_id int,  
`Date` Date,  
`Condition` varchar(45),  
Facility_id int,  
Description varchar(150));
```

```
CREATE TABLE abc.`Facilities-final`  
(Facilities_ID int Primary Key Not Null,  
`Name` Varchar(50),  
`Description` Varchar(150),  
Capacity INT,  
CategoryID INT,  
Street varchar(50),
```

City Varchar(50),
State varchar(50),
Zip INT,
Region INT);

```
CREATE TABLE abc.Category  
(Category_ID INT PRIMARY KEY NOT NULL,  
`Name` VARCHAR(150));
```

Screenshot of Adding Foreign Keys:

Screenshot of Importing Table Data

Screenshot #1 (Booking-Final):

Screenshot #2:

Screenshot #3:

Screenshot #4:

Screenshot #5:

Screenshot #6:

Screenshot #7:

Screenshot #8:

Screenshot #9:

Screenshot #10:

Screenshot of Updated EERD Diagram:

Screenshot:

