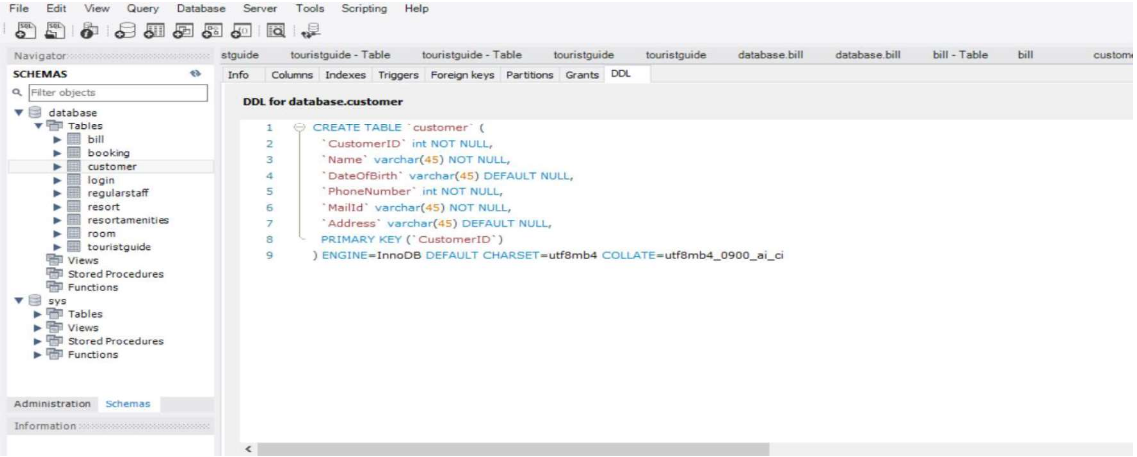
The resort management system has the following tables-

Customer, Login, Room, Resort, ResortAmenities, Bill, Booking, RegularStaff, TouristGuide and are created using the following DDL queries.

Customer Table –



DDL for database.customer

```
CREATE TABLE `customer` (
  `CustomerID` int NOT NULL,
  `Name` varchar(45) NOT NULL,
  `DateOfBirth` varchar(45) DEFAULT NULL,
  `PhoneNumber` int NOT NULL,
  `MailId` varchar(45) NOT NULL,
  `Address` varchar(45) DEFAULT NULL,
  PRIMARY KEY (`CustomerID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci
```

Inserting Records into the table –

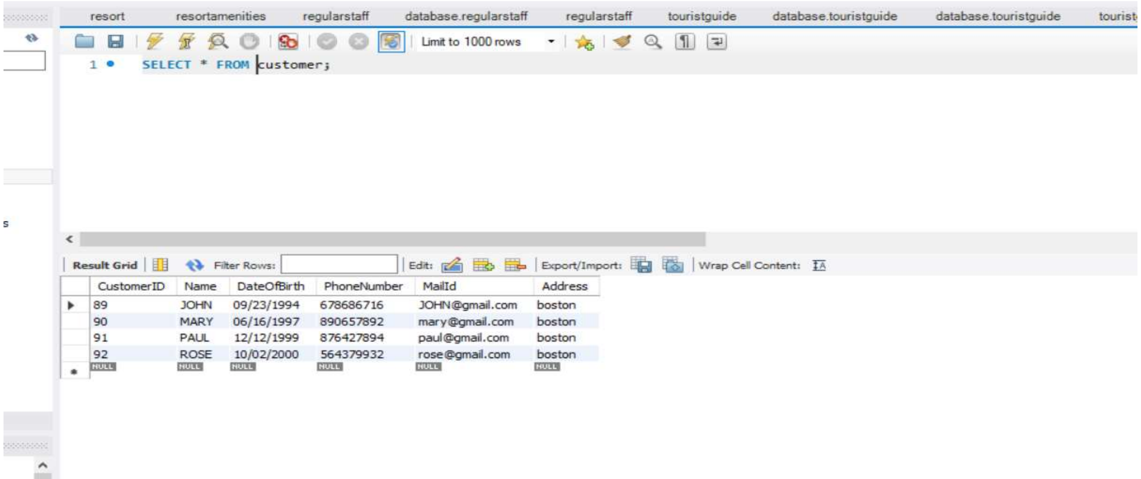
INSERT INTO customer(CustomerID, Name, DateOfBirth, PhoneNumber, MailId, Address) VALUES

(89, JOHN, 09/23/1994, 67868716, JOHN@GMAIL.COM, BOSTON),

(90, MARY, 06/16/1997, 890657892, MARY@GMAIL.COM, BOSTON),

(91, PAUL, 12/12/1999, 876427894, PAUL@GMAIL.COM, BOSTON),

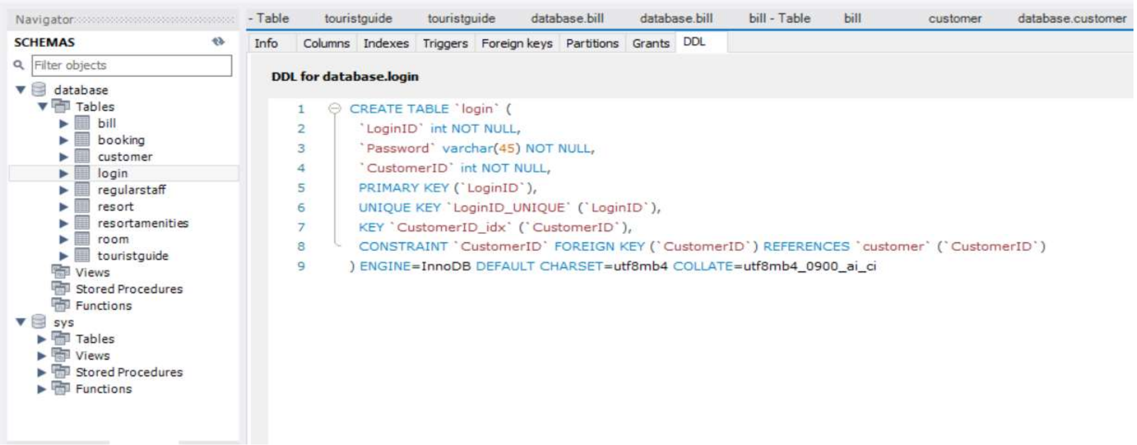
(92, ROSE, 10/02/2000, 564379932, ROSE@GMAIL.COM, BOSTON)



```
SELECT * FROM customer;
```

	CustomerID	Name	DateOfBirth	PhoneNumber	MailId	Address
▶	89	JOHN	09/23/1994	678686716	JOHN@gmail.com	boston
	90	MARY	06/16/1997	890657892	mary@gmail.com	boston
	91	PAUL	12/12/1999	876427894	paul@gmail.com	boston
	92	ROSE	10/02/2000	564379932	rose@gmail.com	boston
*	NULL	NULL	NULL	NULL	NULL	NULL

LOGIN TABLE –



DDL for database.login

```
CREATE TABLE `login` (
  `LoginID` int NOT NULL,
  `Password` varchar(45) NOT NULL,
  `CustomerID` int NOT NULL,
  PRIMARY KEY (`LoginID`),
  UNIQUE KEY `LoginID_UNIQUE` (`LoginID`),
  KEY `CustomerID_idx` (`CustomerID`),
  CONSTRAINT `CustomerID` FOREIGN KEY (`CustomerID`) REFERENCES `customer` (`CustomerID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci
```

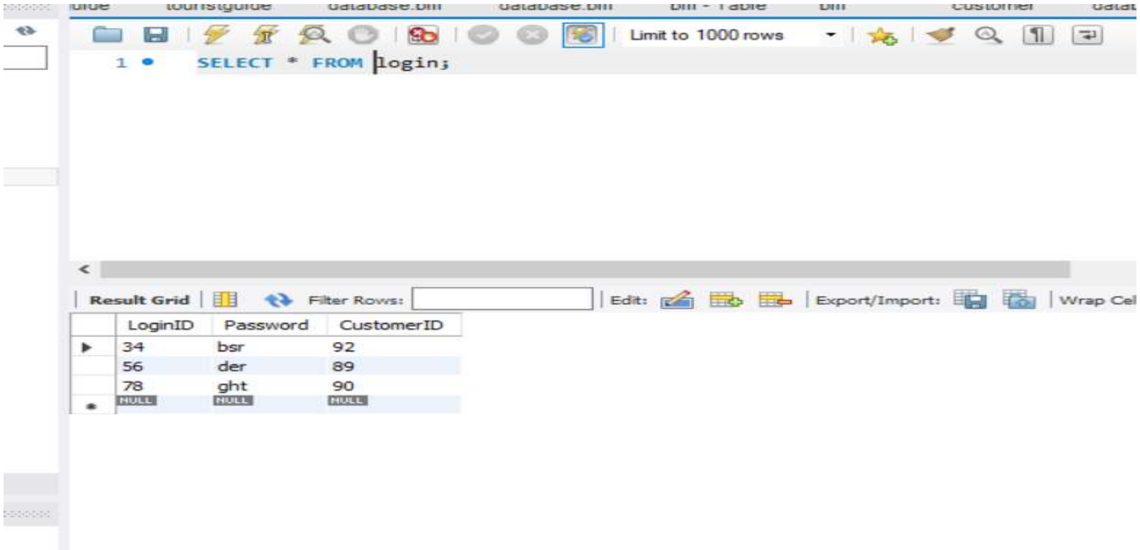
INSERTING RECORDS –

INSERT INTO login(LoginID, Password, CustomerID) VALUES

(34, bsr, 92),

(56, der, 89),

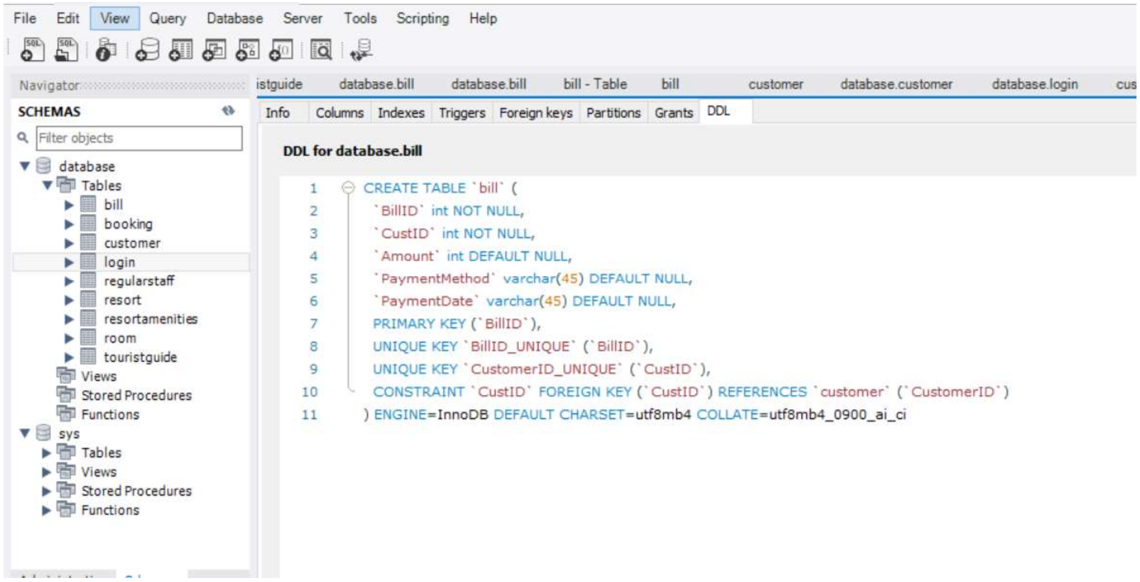
(78, ght, 90)



```
SELECT * FROM login;
```

LoginID	Password	CustomerID
34	bsr	92
56	der	89
78	ght	90
NULL	NULL	NULL

Bill Table-



DDL for database.bill

```
CREATE TABLE `bill` (
  `BillID` int NOT NULL,
  `CustID` int NOT NULL,
  `Amount` int DEFAULT NULL,
  `PaymentMethod` varchar(45) DEFAULT NULL,
  `PaymentDate` varchar(45) DEFAULT NULL,
  PRIMARY KEY (`BillID`),
  UNIQUE KEY `BillID_UNIQUE` (`BillID`),
  UNIQUE KEY `CustomerID_UNIQUE` (`CustID`),
  CONSTRAINT `CustID` FOREIGN KEY (`CustID`) REFERENCES `customer` (`CustomerID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci
```

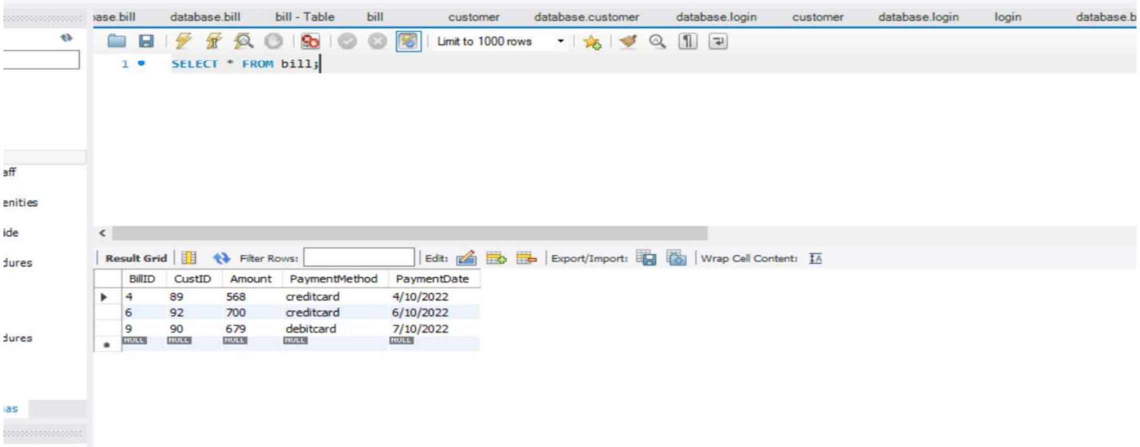
Inserting records-

INSERT INTO bill(BillID, CusID, Amount, PaymentMethod, PaymentDate) VALUES

(4, 89, 568, creditcard, 4/10/2022),

(6, 92, 700, creditcard, 6/10/2022),

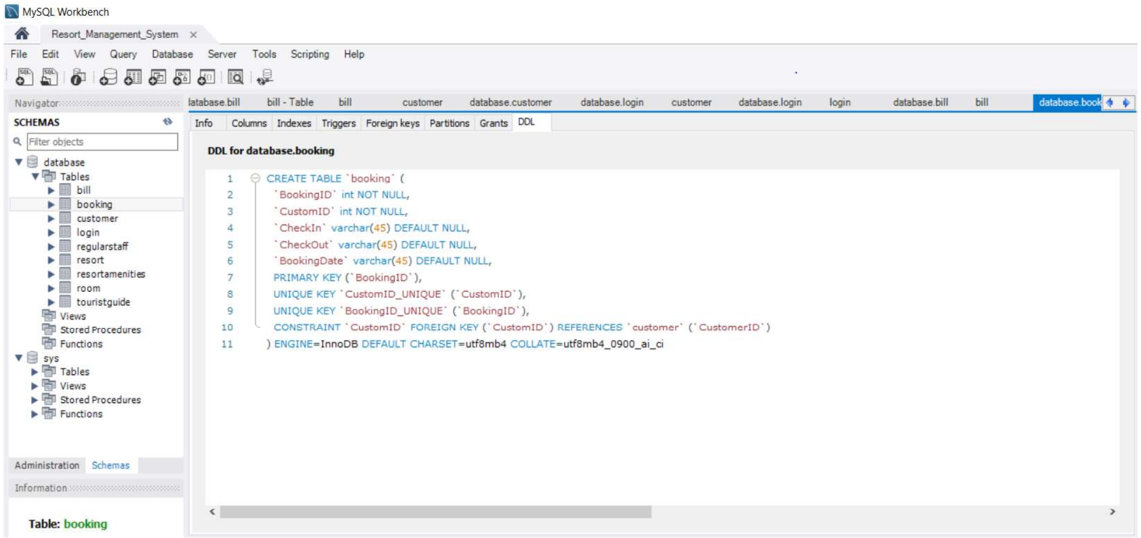
(9, 90, 679, debitcard, 7/10/2022)



```
SELECT * FROM bill;
```

BillID	CustID	Amount	PaymentMethod	PaymentDate
4	89	568	creditcard	4/10/2022
6	92	700	creditcard	6/10/2022
9	90	679	debitcard	7/10/2022
NULL	NULL	NULL	NULL	NULL

Booking Table-



DDL for database.booking

```
CREATE TABLE `booking` (
  `BookingID` int NOT NULL,
  `CustomID` int NOT NULL,
  `CheckIn` varchar(45) DEFAULT NULL,
  `CheckOut` varchar(45) DEFAULT NULL,
  `BookingDate` varchar(45) DEFAULT NULL,
  PRIMARY KEY (`BookingID`),
  UNIQUE KEY `CustomID_UNIQUE` (`CustomID`),
  UNIQUE KEY `BookingID_UNIQUE` (`BookingID`),
  CONSTRAINT `CustomID` FOREIGN KEY (`CustomID`) REFERENCES `customer` (`CustomerID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci
```

Table: booking

Inserting records-

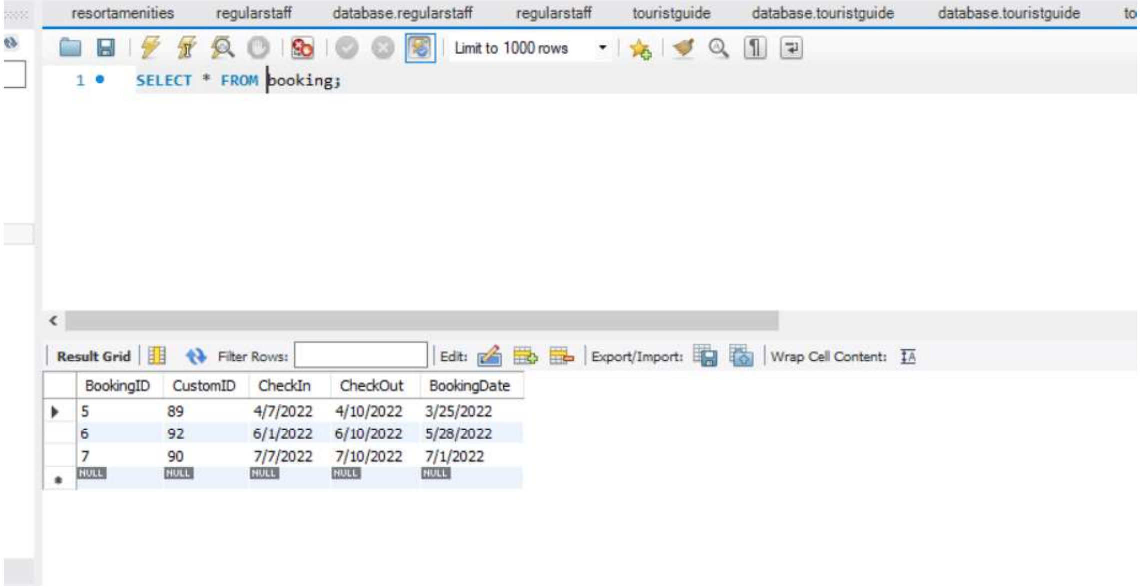
INSERT INTO booking(BookingID, CustomID, CheckIn, CheckOut, BookingDate)

VALUES-

(5, 89, 4/7/2022, 4/10/2022,3/25/2022),

(6, 92, 6/1/2022,6/10/2022,5/28/2022),

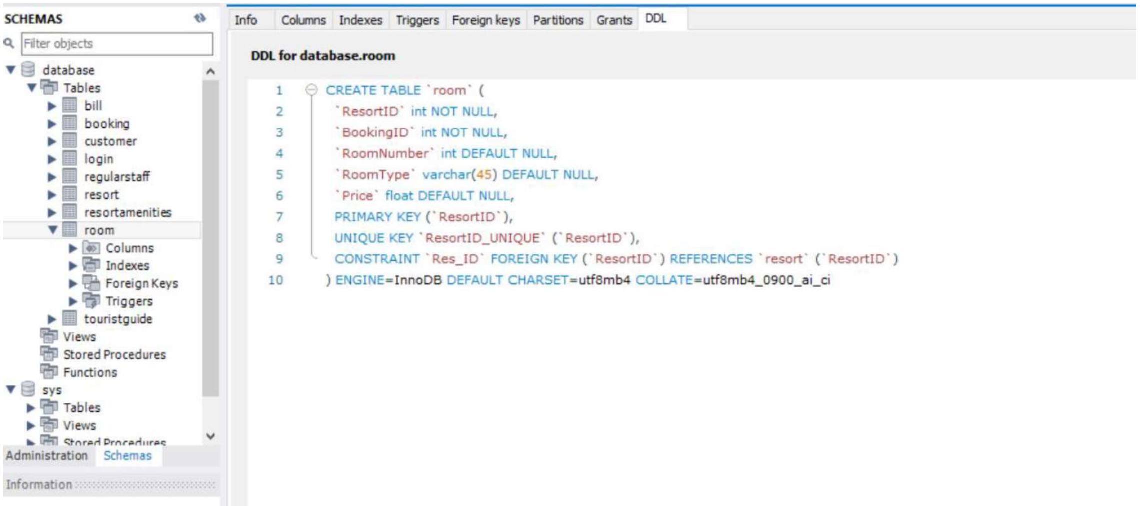
(7, 90, 7/7/2022,7/10/2022,7/1/2022)



```
SELECT * FROM booking;
```

BookingID	CustomID	CheckIn	CheckOut	BookingDate
5	89	4/7/2022	4/10/2022	3/25/2022
6	92	6/1/2022	6/10/2022	5/28/2022
7	90	7/7/2022	7/10/2022	7/1/2022
NULL	NULL	NULL	NULL	NULL

Room Table-



DDL for database.room

```
CREATE TABLE `room` (
  `ResortID` int NOT NULL,
  `BookingID` int NOT NULL,
  `RoomNumber` int DEFAULT NULL,
  `RoomType` varchar(45) DEFAULT NULL,
  `Price` float DEFAULT NULL,
  PRIMARY KEY (`ResortID`),
  UNIQUE KEY `ResortID_UNIQUE` (`ResortID`),
  CONSTRAINT `Res_ID` FOREIGN KEY (`ResortID`) REFERENCES `resort` (`ResortID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci
```

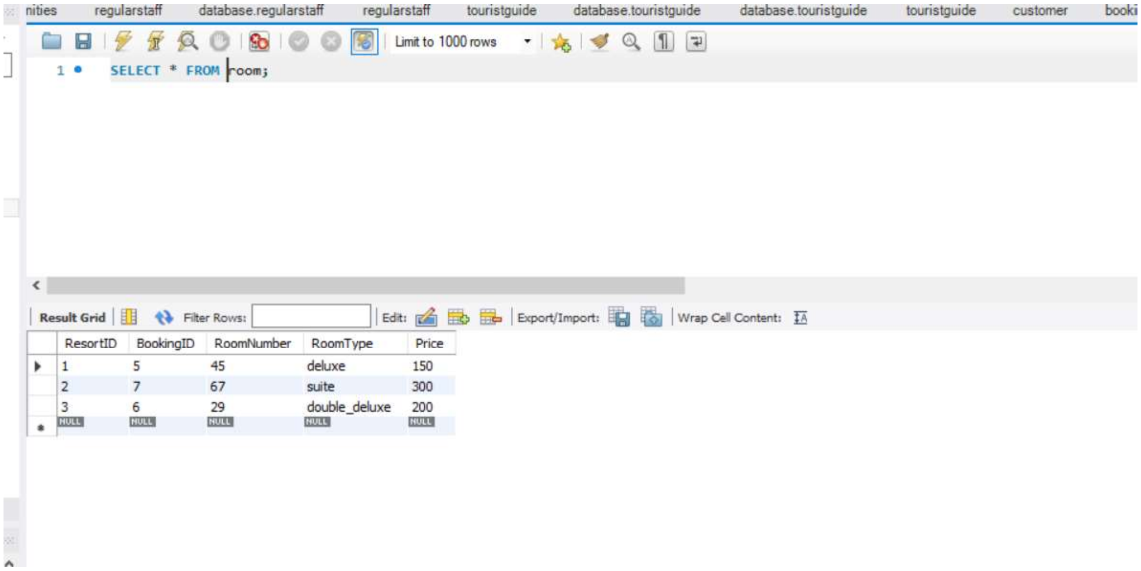
Inserting Records:

INSERT INTO room(ResortID, BookingID,RoomNumber, RoomType, Price) VALUES

(1, 5, 45, deluxe, 150),

(2, 7, 67, suite, 300),

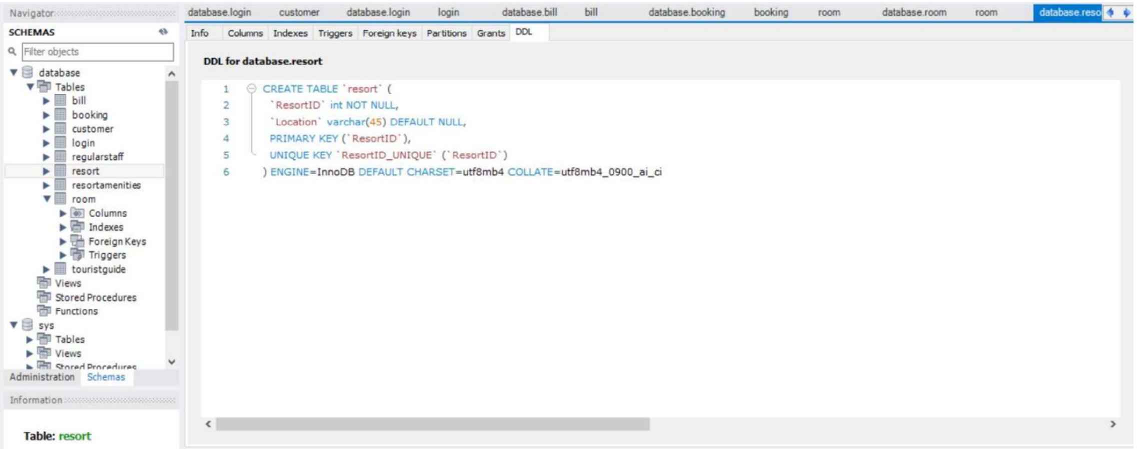
(3, 6, 29, double_deluxe, 200)



```
SELECT * FROM room;
```

ResortID	BookingID	RoomNumber	RoomType	Price
1	5	45	deluxe	150
2	7	67	suite	300
3	6	29	double_deluxe	200
NULL	NULL	NULL	NULL	NULL

Resort table-



DDL for database.resort

```
CREATE TABLE `resort` (
  `ResortID` int NOT NULL,
  `Location` varchar(45) DEFAULT NULL,
  PRIMARY KEY (`ResortID`),
  UNIQUE KEY `ResortID_UNIQUE` (`ResortID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci
```

Table: resort

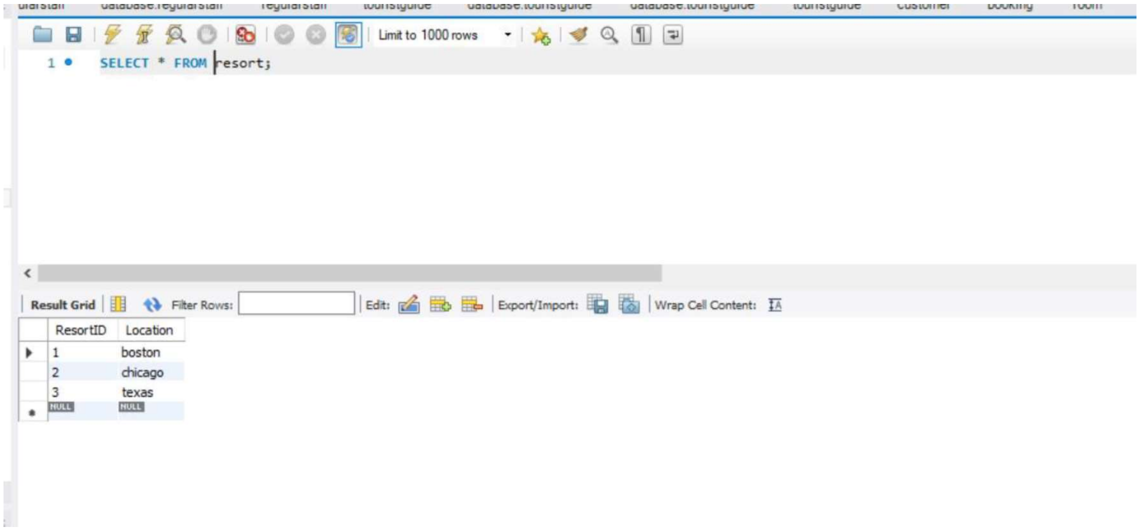
Inserting Records:

INSERT INTO resort(ResortID,Location) VALUES

(1, boston),

(2,chicago),

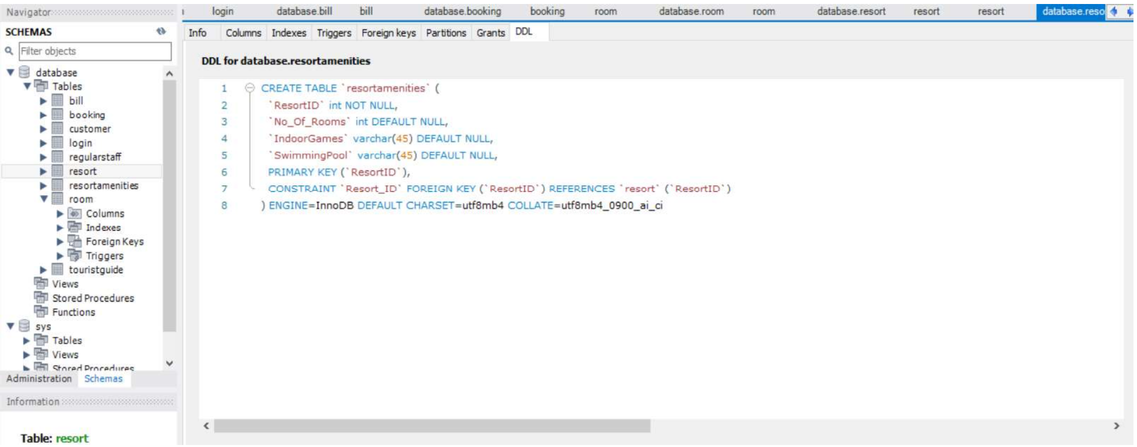
(3,texas)



```
SELECT * FROM resort;
```

ResortID	Location
1	boston
2	chicago
3	texas
NULL	NULL

ResortAmenties Table-



DDL for database.resortamenities

```
CREATE TABLE `resortamenities` (
  `ResortID` int NOT NULL,
  `No_Of_Rooms` int DEFAULT NULL,
  `IndoorGames` varchar(45) DEFAULT NULL,
  `SwimmingPool` varchar(45) DEFAULT NULL,
  PRIMARY KEY (`ResortID`),
  CONSTRAINT `Resort_ID` FOREIGN KEY (`ResortID`) REFERENCES `resort` (`ResortID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci
```

Table: resort

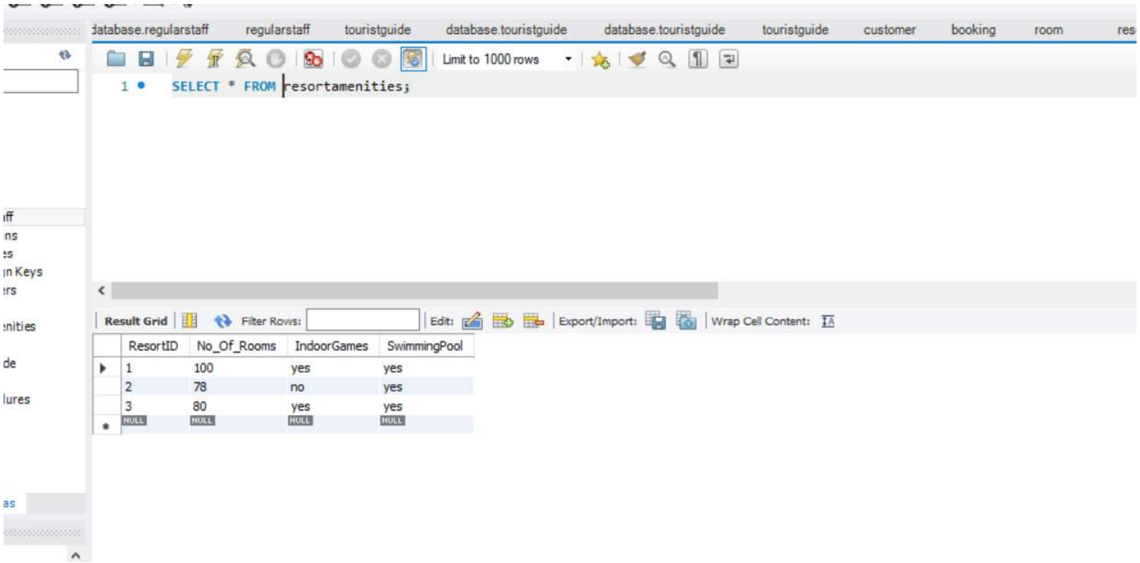
Inserting Records:

INSERT INTO resortamenities(ResortID,No_Of_Rooms,IndoorGames,SwimmingPool) VALUES

(1, 100,yes,yes),

(2,78,no,yes),

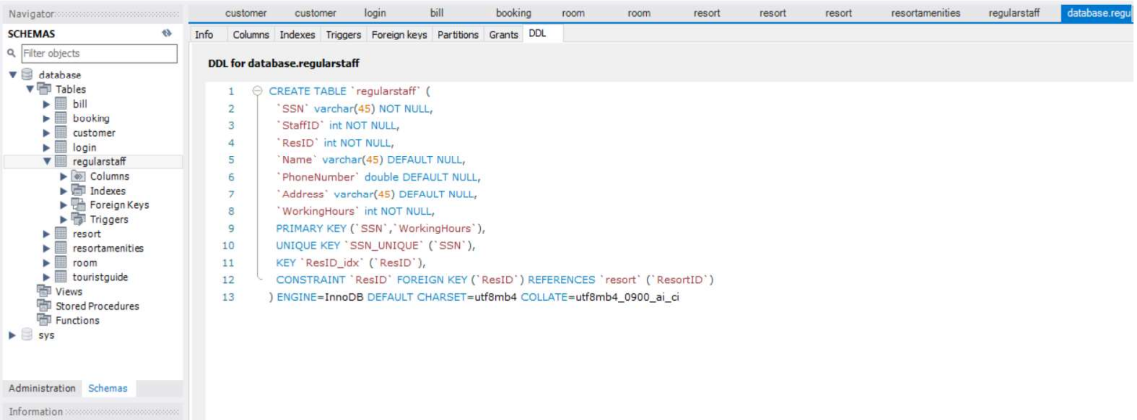
(3,80,yes,yes)



```
SELECT * FROM resortamenities;
```

ResortID	No_Of_Rooms	IndoorGames	SwimmingPool
1	100	yes	yes
2	78	no	yes
3	80	yes	yes
NULL	NULL	NULL	NULL

RegularStaff Table-



DDL for database.regularstaff

```
CREATE TABLE `regularstaff` (
  `SSN` varchar(45) NOT NULL,
  `StaffID` int NOT NULL,
  `ResID` int NOT NULL,
  `Name` varchar(45) DEFAULT NULL,
  `PhoneNumber` double DEFAULT NULL,
  `Address` varchar(45) DEFAULT NULL,
  `WorkingHours` int NOT NULL,
  PRIMARY KEY (`SSN`,`WorkingHours`),
  UNIQUE KEY `SSN_UNIQUE` (`SSN`),
  KEY `ResID_idx` (`ResID`),
  CONSTRAINT `ResID` FOREIGN KEY (`ResID`) REFERENCES `resort` (`ResortID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci
```

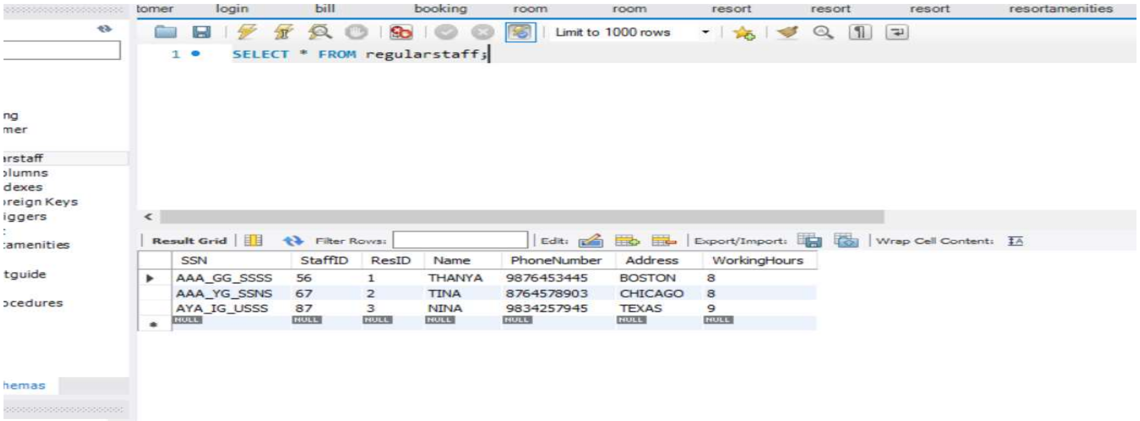
Inserting Records:

INSERT INTO regularstaff(SSN,StaffID,RestID,Name,PhoneNumber,Address,WorkingHours) VALUES

(AAA_GG_SSSS,56,1,THANYA,9876453445,BOSTON,8),

(AAA_YG_SSNS,67,2,TINA,8764578903,CHICAGO,8),

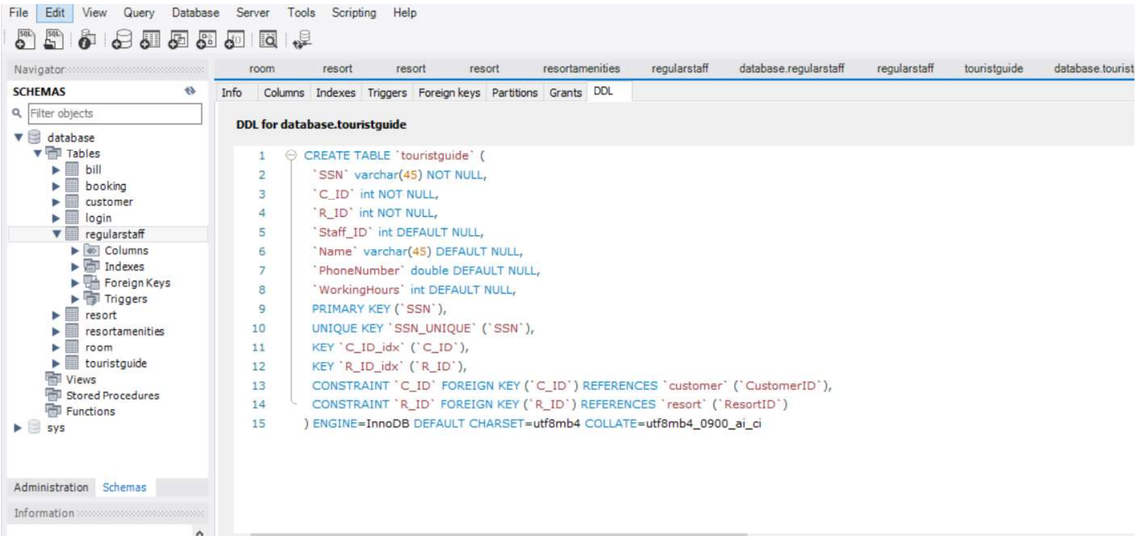
(AYA_IG_USSS,87,3,NINA,9834257945,TEXAS,9)



```
SELECT * FROM regularstaff;
```

SSN	StaffID	ResID	Name	PhoneNumber	Address	WorkingHours
AAA_GG_SSSS	56	1	THANYA	9876453445	BOSTON	8
AAA_YG_SSNS	67	2	TINA	8764578903	CHICAGO	8
AYA_IG_USSS	87	3	NINA	9834257945	TEXAS	9
NULL	NULL	NULL	NULL	NULL	NULL	NULL

TouristGuide Table-



DDL for database.touristguide

```
CREATE TABLE `touristguide` (
  `SSN` varchar(45) NOT NULL,
  `C_ID` int NOT NULL,
  `R_ID` int NOT NULL,
  `Staff_ID` int DEFAULT NULL,
  `Name` varchar(45) DEFAULT NULL,
  `PhoneNumber` double DEFAULT NULL,
  `WorkingHours` int DEFAULT NULL,
  PRIMARY KEY (`SSN`),
  UNIQUE KEY `SSN_UNIQUE` (`SSN`),
  KEY `C_ID_idx` (`C_ID`),
  KEY `R_ID_idx` (`R_ID`),
  CONSTRAINT `C_ID` FOREIGN KEY (`C_ID`) REFERENCES `customer` (`CustomerID`),
  CONSTRAINT `R_ID` FOREIGN KEY (`R_ID`) REFERENCES `resort` (`ResortID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci
```

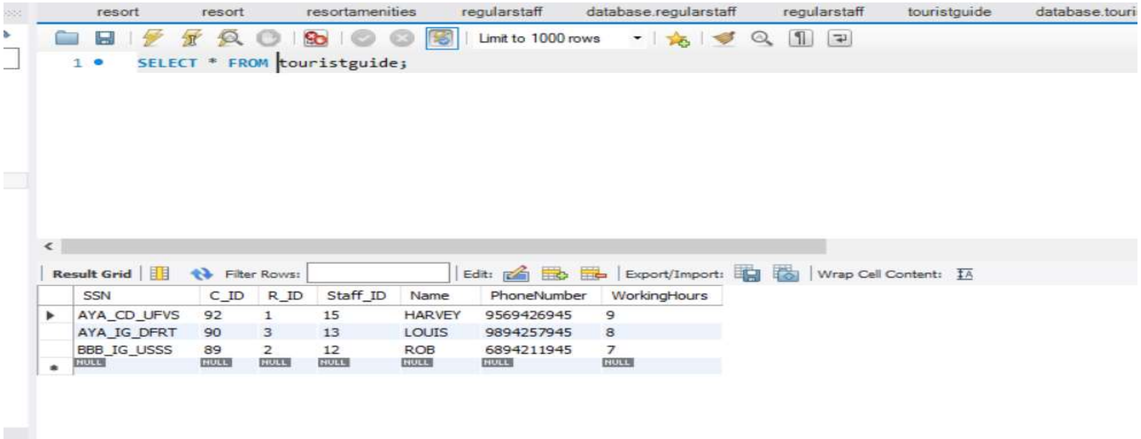
Inserting records –

INSERT INTO touristguide(SSN,C_ID, Staff_ID, Name, PhoneNumber, WorkingHours) VALUES

(AYA_CD_UFVS, 92, 1, 15, Harvey, 9569426945, 9),

(AYA_IG_DFRT, 90, 3, 13, LOUIS, 9894257945, 8),

(BBB_IG_USSS, 89, 2, 12, ROB, 6894211945, 7)



```
SELECT * FROM touristguide;
```

	SSN	C_ID	R_ID	Staff_ID	Name	PhoneNumber	WorkingHours
▶	AYA_CD_UFVS	92	1	15	HARVEY	9569426945	9
	AYA_IG_DFRT	90	3	13	LOUIS	9894257945	8
	BBB_IG_USSS	89	2	12	ROB	6894211945	7
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL