

dbDDL.SQL

```
DROP DATABASE IF EXISTS AIRWAYS;  
CREATE DATABASE IF NOT EXISTS AIRWAYS;
```

```
DROP TABLE IF EXISTS AIRWAYS.PASSENGER;  
CREATE TABLE AIRWAYS.PASSENGER  
(SSN bigint(10) NOT NULL,Name varchar(255) NOT NULL,ADDRESS varchar(255) NOT  
NULL,EMAILID varchar(255) NOT NULL,PHONENUMBER bigint(10) NOT NULL,  
PRIMARY KEY(SSN));
```

```
DROP TABLE IF EXISTS AIRWAYS.TICKET;  
CREATE TABLE AIRWAYS.TICKET  
(TICKETID bigint(7) NOT NULL,SEATNUMBER bigint(3) NOT NULL,SSN bigint(10)  
NOT NULL,FLIGHTNUMBER bigint(5) NOT NULL, PRIMARY  
KEY(TICKETID),FOREIGN KEY(SSN) REFERENCES PASSENGER(SSN),FOREIGN  
KEY(FLIGHTNUMBER) REFERENCES FLIGHT(FLIGHTNUMBER));
```

```
DROP TABLE IF EXISTS AIRWAYS.PAYMENT;  
CREATE TABLE AIRWAYS.PAYMENT  
(PAYMENTID bigint(10) NOT NULL,PAYMENTAMOUNT bigint NOT NULL,SSN  
bigint(10) NOT NULL,TICKETID bigint(7) NOT NULL, PRIMARY  
KEY(PAYMENTID),FOREIGN KEY(SSN) REFERENCES PASSENGER(SSN),FOREIGN  
KEY(TICKETID) REFERENCES TICKET(TICKETID));
```

```
DROP TABLE IF EXISTS AIRWAYS.CARDDetails;  
CREATE TABLE AIRWAYS.CARDDetails  
(CARDNUMBER bigint(12) NOT NULL,EXPIRATIONDATE date NOT NULL,CVV  
bigint(4) NOT NULL,PAYMENTID bigint(10) NOT NULL, PRIMARY  
KEY(CARDNUMBER),FOREIGN KEY(PAYMENTID) REFERENCES  
PAYMENT(PAYMENTID));
```

```
DROP TABLE IF EXISTS AIRWAYS.FLIGHT;  
CREATE TABLE AIRWAYS.FLIGHT  
(FLIGHTNUMBER bigint(5) NOT NULL,FLIGHTTYPE varchar(255) NOT  
NULL,CAPACITY bigint(3) NOT NULL,SSN bigint(10) NOT NULL,EMPLOYEEID  
bigint(7) NOT NULL, PRIMARY KEY(FLIGHTNUMBER),FOREIGN KEY(SSN)  
REFERENCES EMPLOYEE(SSN),FOREIGN KEY(EMPLOYEEID) REFERENCES  
EMPLOYEE(EMPLOYEEID));
```

```
DROP TABLE IF EXISTS AIRWAYS.FLIGHTSCHEDULE;  
CREATE TABLE AIRWAYS.FLIGHTSCHEDULE  
(ARRIVALTIME time NOT NULL,DEPARTURETIME time NOT  
NULL,ARRIVALLOCATION varchar(255) NOT NULL,DEPARTURELOCATION  
varchar(255) NOT NULL,FLIGHTNUMBER bigint(5) NOT NULL,FOREIGN  
KEY(FLIGHTNUMBER) REFERENCES FLIGHT(FLIGHTNUMBER));
```

```
DROP TABLE IF EXISTS AIRWAYS.AIRPORT;
CREATE TABLE AIRWAYS.AIRPORT
(AIRPORTID bigint(4) NOT NULL,AIRPORTNAME varchar(255) NOT
NULL,LOCATION varchar(255) NOT NULL,SSN bigint(10) NOT NULL,EMPLOYEEID
bigint(7) NOT NULL,FLIGHTNUMBER bigint(5) NOT NULL, PRIMARY
KEY(AIRPORTID),FOREIGN KEY(SSN) REFERENCES EMPLOYEE(SSN),FOREIGN
KEY(EMPLOYEEID) REFERENCES EMPLOYEE(EMPLOYEEID),FOREIGN
KEY(FLIGHTNUMBER) REFERENCES FLIGHT(FLIGHTNUMBER));
```

```
DROP TABLE IF EXISTS AIRWAYS.EMPLOYEE;
CREATE TABLE AIRWAYS.EMPLOYEE
(SSN bigint(10) NOT NULL,EMPLOYEEID bigint(7) NOT NULL,NAME varchar(255)
NOT NULL,PHONENUMBER bigint(10) NOT NULL,EMAILID varchar(255) NOT
NULL, PRIMARY KEY(SSN));
```

```
DROP VIEW IF EXISTS AIRWAYS.PASSENGERRECORD;
CREATE VIEW AIRWAYS.PASSENGERRECORD AS SELECT SSN,COUNT(*) AS
TIMES_PASSENGER_TRAVELLED FROM AIRWAYS.TICKET GROUP BY SSN;
```

dbDML.SQL

```
/*PASSENGER TABLE */
```

```
INSERT INTO AIRWAYS.PASSENGER (SSN, NAME, ADDRESS, EMAILID,
PHONENUMBER)
VALUES ('1111111111','SAMIP','ARLINGTON','SAMIP@GMAIL.COM','1234567890');
```

```
INSERT INTO AIRWAYS.PASSENGER (SSN, NAME, ADDRESS, EMAILID,
PHONENUMBER)
VALUES
('2222222222','NIRMIT','ARLINGTON','NIRMIT@GMAIL.COM','2345678901');
```

```
INSERT INTO AIRWAYS.PASSENGER (SSN, NAME, ADDRESS, EMAILID,
PHONENUMBER)
VALUES ('3333333333','AASHU','DALLAS','AASHU@GMAIL.COM','3456789012');
```

```
INSERT INTO AIRWAYS.PASSENGER (SSN, NAME, ADDRESS, EMAILID,
PHONENUMBER)
VALUES
('4444444444','ABHINN','AHMEDABAD','ABHINN@GMAIL.COM','4567890123');
```

```
INSERT INTO AIRWAYS.PASSENGER (SSN, NAME, ADDRESS, EMAILID,
PHONENUMBER)
VALUES ('5555555555','AKSHIL','LONDON','AKHIL@GMAIL.COM','5678901234');
```

```
/*TICKET TABLE */
```

```
INSERT INTO AIRWAYS.TICKET (TICKETID, SEATNUMBER, SSN,
FLIGHTNUMBER)
```

VALUES ('1234567','123','1111111111','00000');

INSERT INTO AIRWAYS.TICKET (TICKETID, SEATNUMBER, SSN,
FLIGHTNUMBER)

VALUES ('2345678','456','2222222222','00001');

INSERT INTO AIRWAYS.TICKET (TICKETID, SEATNUMBER, SSN,
FLIGHTNUMBER)

VALUES ('3456789','789','3333333333','00002');

INSERT INTO AIRWAYS.TICKET (TICKETID, SEATNUMBER, SSN,
FLIGHTNUMBER)

VALUES ('4567890','963','4444444444','00003');

INSERT INTO AIRWAYS.TICKET (TICKETID, SEATNUMBER, SSN,
FLIGHTNUMBER)

VALUES ('5678901','741','5555555555','00004');

/*PAYMENT TABLE*/

INSERT INTO AIRWAYS.PAYMENT (PAYMENTID, PAYMENTAMOUNT, SSN,
TICKETID)

VALUES ('1112223330','1000','1111111111','1234567');

INSERT INTO AIRWAYS.PAYMENT (PAYMENTID, PAYMENTAMOUNT, SSN,
TICKETID)

VALUES ('4455332211','2000','2222222222','2345678');

INSERT INTO AIRWAYS.PAYMENT (PAYMENTID, PAYMENTAMOUNT, SSN,
TICKETID)

VALUES ('2233558844','1500','3333333333','3456789');

INSERT INTO AIRWAYS.PAYMENT (PAYMENTID, PAYMENTAMOUNT, SSN,
TICKETID)

VALUES ('6644402114','3000','4444444444','4567890');

INSERT INTO AIRWAYS.PAYMENT (PAYMENTID, PAYMENTAMOUNT, SSN,
TICKETID)

VALUES ('7788998877','2500','5555555555','5678901');

/*CARDDetails TABLE*/

INSERT INTO AIRWAYS.CARDDetails (CARDNUMBER, EXPIRATIONDATE,
CVV, PAYMENTID)

VALUES ('000000000000001','2019-12-01','111','1112223330');

INSERT INTO AIRWAYS.CARDDetails (CARDNUMBER, EXPIRATIONDATE,
CVV, PAYMENTID)

VALUES ('00000000000002','2024-11-01','222','4455332211');

INSERT INTO AIRWAYS.CARDDetails (CARDNUMBER, EXPIRATIONDATE, CVV, PAYMENTID)

VALUES ('00000000000003','2021-10-01','333','2233558844');

INSERT INTO AIRWAYS.CARDDetails (CARDNUMBER, EXPIRATIONDATE, CVV, PAYMENTID)

VALUES ('00000000000004','2022-09-01','444','6644402114');

INSERT INTO AIRWAYS.CARDDetails (CARDNUMBER, EXPIRATIONDATE, CVV, PAYMENTID)

VALUES ('00000000000005','2020-07-01','555','7788998877');

/*FLIGHT TABLE*/

INSERT INTO AIRWAYS.FLIGHT (FLIGHTNUMBER, FLIGHTTYPE, CAPACITY, SSN, EMPLOYEEID)

VALUES ('00000','SMALL','500','9999999999','7418529');

INSERT INTO AIRWAYS.FLIGHT (FLIGHTNUMBER, FLIGHTTYPE, CAPACITY, SSN, EMPLOYEEID)

VALUES ('00001','MEDIUM','700','8888888888','7539514');

INSERT INTO AIRWAYS.FLIGHT (FLIGHTNUMBER, FLIGHTTYPE, CAPACITY, SSN, EMPLOYEEID)

VALUES ('00002','BIG','900','7777777777','1258746');

INSERT INTO AIRWAYS.FLIGHT (FLIGHTNUMBER, FLIGHTTYPE, CAPACITY, SSN, EMPLOYEEID)

VALUES ('00003','SMALL','500','6666666666','7896325');

INSERT INTO AIRWAYS.FLIGHT (FLIGHTNUMBER, FLIGHTTYPE, CAPACITY, SSN, EMPLOYEEID)

VALUES ('00004','BIG','900','9998887775','8547632');

/*FLIGHTSCHEDULE TABLE*/

INSERT INTO AIRWAYS.FLIGHTSCHEDULE (ARRIVALTIME, DEPARTURETIME, ARRIVALLOCATION, DEPARTURELOCATION, FLIGHTNUMBER)

VALUES ('12:00:00','14:00:00','USA','INDIA','00000');

INSERT INTO AIRWAYS.FLIGHTSCHEDULE (ARRIVALTIME, DEPARTURETIME, ARRIVALLOCATION, DEPARTURELOCATION, FLIGHTNUMBER)

VALUES ('13:00:00','15:00:00','INDIA','USA','00001');

INSERT INTO AIRWAYS.FLIGHTSCHEDULE (ARRIVALTIME, DEPARTURETIME, ARRIVALLOCATION, DEPARTURELOCATION, FLIGHTNUMBER)

```
VALUES ('14:00:00','16:00:00','USA','LONDON','00002');
```

```
INSERT INTO AIRWAYS.FLIGHTSCHEDULE (ARRIVALTIME, DEPARTURETIME,  
ARRIVALLOCATION, DEPARTURELOCATION, FLIGHTNUMBER)  
VALUES ('15:00:00','17:00:00','AUSTRALIA','USA','00003');
```

```
INSERT INTO AIRWAYS.FLIGHTSCHEDULE (ARRIVALTIME, DEPARTURETIME,  
ARRIVALLOCATION, DEPARTURELOCATION, FLIGHTNUMBER)  
VALUES ('16:00:00','18:00:00','CANADA','LONDON','00004');
```

```
/* AIRPORT TABLE*/
```

```
INSERT INTO AIRWAYS.AIRPORT (AIRPORTID, AIRPORTNAME, LOCATION, SSN,  
EMPLOYEEID)  
VALUES ('01','ABC','INDIA','9999999999','7418529');
```

```
INSERT INTO AIRWAYS.AIRPORT (AIRPORTID, AIRPORTNAME, LOCATION, SSN,  
EMPLOYEEID)  
VALUES ('02','XYZ','USA','8888888888','7539514');
```

```
INSERT INTO AIRWAYS.AIRPORT (AIRPORTID, AIRPORTNAME, LOCATION, SSN,  
EMPLOYEEID)  
VALUES ('03','MNO','USA','7777777777','1258746');
```

```
INSERT INTO AIRWAYS.AIRPORT (AIRPORTID, AIRPORTNAME, LOCATION, SSN,  
EMPLOYEEID)  
VALUES ('04','PQR','CANADA','6666666666','7896325');
```

```
INSERT INTO AIRWAYS.AIRPORT (AIRPORTID, AIRPORTNAME, LOCATION, SSN,  
EMPLOYEEID)  
VALUES ('05','LMN','INDIA','9998887775','8547632');
```

```
/*EMPLOYEE TABLE*/
```

```
INSERT INTO AIRWAYS.EMPLOYEE (SSN, EMPLOYEEID, NAME,  
PHONENUMBER, EMAILID)  
VALUES  
('9999999999','7418529','ASHUTOSH','7897897897','ASHUTOSH@GMAIL.COM');
```

```
INSERT INTO AIRWAYS.EMPLOYEE (SSN, EMPLOYEEID, NAME,  
PHONENUMBER, EMAILID)  
VALUES ('8888888888','7539514','KENIL','4566545654','KENIL@GMAIL.COM');
```

```
INSERT INTO AIRWAYS.EMPLOYEE (SSN, EMPLOYEEID, NAME,  
PHONENUMBER, EMAILID)  
VALUES ('7777777777','1258746','YASH','1231231231','YASH@GMAIL.COM');
```

```
INSERT INTO AIRWAYS.EMPLOYEE (SSN, EMPLOYEEID, NAME,  
PHONENUMBER, EMAILID)  
VALUES ('6666666666','7896325','PARTH','7417417417','PARTH@GMAIL.COM');
```

```
INSERT INTO AIRWAYS.EMPLOYEE (SSN, EMPLOYEEID, NAME,  
PHONENUMBER, EMAILID)  
VALUES ('9998887775','8547632','TEJAS','9519519519','TEJAS@GMAIL.COM');
```

dbDROP.SQL

```
/*DROP TABLES,VIEW*/
```

```
DROP TABLE AIRWAYS.PASSENGER;
```

```
DROP TABLE AIRWAYS.TICKET;
```

```
DROP TABLE AIRWAYS.PAYMENT;
```

```
DROP TABLE AIRWAYS.CARDDDETAILS;
```

```
DROP TABLE AIRWAYS.FLIGHT;
```

```
DROP TABLE AIRWAYS.FLIGHTSCHEDULE;
```

```
DROP TABLE AIRWAYS.AIRPORT;
```

```
DROP TABLE AIRWAYS.EMPLOYEE;
```

```
DROP VIEW AIRWAYS.PASSENGERRECORD;
```

dbSQL.SQL

```
/*GET TICKET ID WITH PAYMENT DETAILS*/
```

```
SELECT  
AIRWAYS.TICKET.TICKETID,SEATNUMBER,AIRWAYS.PAYMENT.PAYMENTID,P  
AYMENTAMOUNT FROM AIRWAYS.TICKET INNER JOIN AIRWAYS.PAYMENT  
ON AIRWAYS.TICKET.SSN= AIRWAYS.PAYMENT.SSN ORDER BY  
AIRWAYS.TICKET.TICKETID ASC;
```

```
/*GET AIRPORT DETAILS,FLIGHT DETAILS, FLIGHT SCHEDULE*/
```

```
SELECT  
AIRWAYS.AIRPORT.AIRPORTID,AIRPORTNAME,LOCATION,AIRWAYS.FLIGHT.F  
LIGHTNUMBER,FLIGHTTYPE,CAPACITY,AIRWAYS.FLIGHTSCHEDULE.ARRIVAL  
TIME,DEPARTURETIME,ARRIVALLOCATION,DEPARTURELOCATION  
FROM AIRWAYS.AIRPORT INNER JOIN (AIRWAYS.FLIGHT INNER JOIN  
AIRWAYS.FLIGHTSCHEDULE ON AIRWAYS.FLIGHT.FLIGHTNUMBER =  
AIRWAYS.FLIGHTSCHEDULE.FLIGHTNUMBER)  
ON (AIRWAYS.AIRPORT.FLIGHTNUMBER = AIRWAYS.FLIGHT.FLIGHTNUMBER)  
ORDER BY AIRWAYS.FLIGHT.FLIGHTNUMBER ASC;
```

```

/*GET EMPLOYEE DETAILS WITH FLIGHT DETAILS AND AIRPORT DETAILS*/
SELECT AIRWAYS.EMPLOYEE.EMPLOYEEID,NAME,
AIRWAYS.AIRPORT.AIRPORTID,AIRPORTNAME,LOCATION,AIRWAYS.FLIGHT.F
LIGHTNUMBER
FROM AIRWAYS.AIRPORT INNER JOIN (AIRWAYS.FLIGHT INNER JOIN
AIRWAYS.EMPLOYEE ON AIRWAYS.FLIGHT.EMPLOYEEID =
AIRWAYS.EMPLOYEE.EMPLOYEEID)
ON (AIRWAYS.AIRPORT.FLIGHTNUMBER = AIRWAYS.FLIGHT.FLIGHTNUMBER)
ORDER BY AIRWAYS.EMPLOYEE.EMPLOYEEID ASC;

```

```

/*GET PASSENGER DETAILS WITH TICKET DETAILS FLIGHT NUMBER
PAYMENT ID AND AIRPORT NAME AND LOCATION*/
SELECT
AIRWAYS.PASSENGER.NAME,ADDRESS,AIRWAYS.FLIGHT.FLIGHTNUMBER,
AIRWAYS.PAYMENT.PAYMENTID,AIRWAYS.AIRPORT.AIRPORTNAME,LOCATIO
N
FROM AIRWAYS.AIRPORT
INNER JOIN (AIRWAYS.FLIGHT
INNER JOIN (AIRWAYS.PASSENGER
INNER JOIN (AIRWAYS.TICKET INNER JOIN AIRWAYS.PAYMENT ON
AIRWAYS.TICKET.TICKETID = AIRWAYS.PAYMENT.TICKETID)
ON AIRWAYS.PASSENGER.SSN = AIRWAYS.TICKET.SSN)
ON AIRWAYS.FLIGHT.FLIGHTNUMBER = AIRWAYS.TICKET.FLIGHTNUMBER)
ORDER BY AIRWAYS.FLIGHT.FLIGHTNUMBER DESC;

```

```

/*GET TOTAL AMOUNT RECIEVED FROM SPECIFIC PASSENGER*/
SELECT SUM(PAYMENTAMOUNT), SSN
FROM PAYMENT
GROUP BY PAYMENTID;

```

```

/*GET TOTAL CAPACITY OF FLIGHT ACCORDING TO ITS TYPE*/
SELECT SUM(CAPACITY),FLIGHTNUMBER, FLIGHTTYPE
FROM FLIGHT
GROUP BY FLIGHTTYPE;

```

Test.PHP

```

<html>
<body>
<form name="form" method="post">
<p>DISPLAY TABLE</p>
<input type="submit" name="button1" value="PASSENGER_DETAILS" />
<input type="submit" name="button2" value="TICKET_DETAILS" />
<input type="submit" name="button3" value="FILGHT_DETAILS" />
<input type="submit" name="button4" value="AIRPORT_DETAILS" />
<input type="submit" name="button5" value="EMPLOYEE_DETAILS" /><br><br>

```

```

<p>GET TICKET ID WITH PAYMENT DETAILS</p>
<input type="submit" name="try1" value="Search1" />
<p>GET AIRPORT DETAILS,FLIGHT DETAILS, FLIGHT SCHEDULE</p>
<input type="submit" name="try2" value="Search2" />
<p>GET EMPLOYEE DETAILS WITH FLIGHT DETAILS AND AIRPORT
DETAILS</p>
<input type="submit" name="try3" value="Search3" />
<p>GET PASSENGER DETAILS WITH TICKET DETAILS FLIGHT NUMBER
PAYMENT ID AND AIRPORT NAME AND LOCATION</p>
<input type="submit" name="try4" value="Search4" />
<p>GET TOTAL AMOUNT RECIEVED FROM SPECIFIC PASSENGER</p>
<input type="submit" name="try5" value="Search5" />
<p>GET TOTAL CAPACITY OF FLIGHT ACCORDING TO ITS TYPE</p>
<input type="submit" name="try6" value="Search6" />
<p>INSERT RECORD IN PASSENGER</p>
    <p>
        <label for="SSN">SSN:</label>
        <input type="text" name="SSN" id="SSN">
    </p>
    <p>
        <label for="NAME">NAME:</label>
        <input type="text" name="NAME" id="NAME">
    </p>
    <p>
        <label for="EMAILID">EMAILID:</label>
        <input type="text" name="EMAILID" id="EMAILID">
    </p>
    <p>
        <label for="PHONENUMBER">PHONENUMBER:</label>
        <input type="text" name="PHONENUMBER" id="PHONENUMBER">
    </p>
    <p>
        <label for="ADDRESS">ADDRESS:</label>
        <input type="text" name="ADDRESS" id="ADDRESS">
    </p>
    <input type="submit" name="error1" value="INSERT">
<p>DELETE RECORD IN PASSENGER</p>

    <input type="submit" name="error2" value="DELETE">

<p>SEARCH FLIGHT ACCORDING TO ITS TYPE</p>
<select name="value">
    <option value="SMALL">SMALL</option>
    <option value="MEDIUM">MEDIUM</option>
    <option value="BIG">BIG</option>
</select><br>

```



```
<input type="submit" name="error3" value="SEARCH">
</form>
</body>
```

```
<?php
// Server credentials
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "AIRWAYS";
$tbl_name="PASSENGER"; // Table name

// Creating mysql connection
$conn = new mysqli($servername, $username, $password, $dbname);

// Checking mysql connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}
if(isset($_POST['button1'])){
    // Writing a mysql query to retrieve data
    $sql = "SELECT SSN,Name,EMAILID,PHONENUMBER,ADDRESS FROM
    PASSENGER";
    $result = $conn->query($sql);

    if ($result->num_rows > 0) {
        // output data of each row
        while($row = $result->fetch_assoc()) {
            echo "SSN: " . $row["SSN"]. " - Name: " . $row["Name"]. " - EMAILID: " .
            $row["EMAILID"]. " - PHONENUMBER: " . $row["PHONENUMBER"]. " - ADDRESS: "
            . $row["ADDRESS"]. "<br>";
        }
    } else {
        echo "0 results";
    }
}

if(isset($_POST['button2'])){
    // Writing a mysql query to retrieve data
    $sql = "SELECT TICKETID,SEATNUMBER,SSN,FLIGHTNUMBER FROM TICKET";
    $result = $conn->query($sql);

    if ($result->num_rows > 0) {
        // output data of each row
        while($row = $result->fetch_assoc()) {
```

```

        echo "TICKETID: " . $row["TICKETID"]. " - SEATNUMBER: " .
$row["SEATNUMBER"]. " - SSN: " . $row["SSN"]. " - FLIGHTNUMBER: " .
$row["FLIGHTNUMBER"]. "<br>";
    }
} else {
    echo "0 results";
}
}

if(isset($_POST['button3'])){
// Writing a mysql query to retrieve data
$sql = "SELECT FLIGHTNUMBER,FLIGHTTYPE,CAPACITY FROM FLIGHT";
$result = $conn->query($sql);

if ($result->num_rows > 0) {
    // output data of each row
    while($row = $result->fetch_assoc()) {
        echo "FLIGHTNUMBER: " . $row["FLIGHTNUMBER"]. " - FLIGHTTYPE: " .
$row["FLIGHTTYPE"]. " - CAPACITY: " . $row["CAPACITY"]."<br>";
    }
} else {
    echo "0 results";
}
}

if(isset($_POST['button4'])){
// Writing a mysql query to retrieve data
$sql = "SELECT AIRPORTID,AIRPORTNAME,LOCATION FROM AIRPORT";
$result = $conn->query($sql);

if ($result->num_rows > 0) {
    // output data of each row
    while($row = $result->fetch_assoc()) {
        echo "AIRPORTID: " . $row["AIRPORTID"]. " - AIRPORTNAME: " .
$row["AIRPORTNAME"]. " - LOCATION: " . $row["LOCATION"]."<br>";
    }
} else {
    echo "0 results";
}
}

if(isset($_POST['button5'])){
// Writing a mysql query to retrieve data

```

```
$sql = "SELECT SSN,EMPLOYEEID,NAME,PHONENUMBER,EMAILID FROM  
EMPLOYEE";  
$result = $conn->query($sql);
```

```
if ($result->num_rows > 0) {  
    // output data of each row  
    while($row = $result->fetch_assoc()) {  
        echo "SSN: " . $row["SSN"]. " - EMPLOYEEID: " . $row["EMPLOYEEID"]. " -  
NAME: " . $row["NAME"]. " - PHONENUMBER: " . $row["PHONENUMBER"]. " -  
EMAILID: " . $row["EMAILID"]. "<br>";  
    }  
} else {  
    echo "0 results";  
}  
}
```

```
if(isset($_POST['try1'])){  
    // Writing a mysql query to retrieve data  
    $sql = "SELECT  
AIRWAYS.TICKET.TICKETID,SEATNUMBER,AIRWAYS.PAYMENT.PAYMENTID,P  
AYMENTAMOUNT FROM AIRWAYS.TICKET INNER JOIN AIRWAYS.PAYMENT  
ON AIRWAYS.TICKET.SSN= AIRWAYS.PAYMENT.SSN ORDER BY  
AIRWAYS.TICKET.TICKETID ASC;";  
    $result = $conn->query($sql);
```

```
if ($result->num_rows > 0) {  
    // output data of each row  
    while($row = $result->fetch_assoc()) {  
        echo "TICKETID: " . $row["TICKETID"]. " - SEATNUMBER: " .  
$row["SEATNUMBER"]. " - PAYMENTID: " . $row["PAYMENTID"]. " -  
PAYMENTAMOUNT: " . $row["PAYMENTAMOUNT"]. "<br>";  
    }  
} else {  
    echo "0 results";  
}  
}
```

```
if(isset($_POST['try2'])){  
    // Writing a mysql query to retrieve data  
    $sql = "SELECT  
AIRWAYS.AIRPORT.AIRPORTID,AIRPORTNAME,LOCATION,AIRWAYS.FLIGHT.F  
LIGHTNUMBER,FLIGHTTYPE,CAPACITY,AIRWAYS.FLIGHTSCHEDULE.ARRIVAL  
TIME,DEPARTURETIME,ARRIVALLOCATION,DEPARTURELOCATION
```

```

FROM AIRWAYS.AIRPORT INNER JOIN (AIRWAYS.FLIGHT INNER JOIN
AIRWAYS.FLIGHTSCHEDULE ON AIRWAYS.FLIGHT.FLIGHTNUMBER =
AIRWAYS.FLIGHTSCHEDULE.FLIGHTNUMBER)
ON (AIRWAYS.AIRPORT.FLIGHTNUMBER = AIRWAYS.FLIGHT.FLIGHTNUMBER)
ORDER BY AIRWAYS.FLIGHT.FLIGHTNUMBER ASC;";
$result = $conn->query($sql);

```

```

if ($result->num_rows > 0) {
    // output data of each row
    while($row = $result->fetch_assoc()) {
        echo "AIRPORTID: " . $row["AIRPORTID"]. " - AIRPORTNAME: " .
$row["AIRPORTNAME"]. " - LOCATION: " . $row["LOCATION"]. " -
FLIGHTNUMBER: " . $row["FLIGHTNUMBER"]. " - FLIGHTTYPE: " .
$row["FLIGHTTYPE"]. " - CAPACITY: " . $row["CAPACITY"]. " - ARRIVALTIME: " .
$row["ARRIVALTIME"]. " - DEPARTURETIME: " . $row["DEPARTURETIME"]. " -
ARRIVALLOCATION: " . $row["ARRIVALLOCATION"]. " - DEPARTURELOCATION:
" . $row["DEPARTURELOCATION"]. "<br>";
    }
} else {
    echo "0 results";
}
}

```

```

if(isset($_POST['try3'])){
    // Writing a mysql query to retrieve data
    $sql = "SELECT AIRWAYS.EMPLOYEE.EMPLOYEEID,NAME,
AIRWAYS.AIRPORT.AIRPORTID,AIRPORTNAME,LOCATION,AIRWAYS.FLIGHT.F
LIGHTNUMBER
FROM AIRWAYS.AIRPORT INNER JOIN (AIRWAYS.FLIGHT INNER JOIN
AIRWAYS.EMPLOYEE ON AIRWAYS.FLIGHT.EMPLOYEEID =
AIRWAYS.EMPLOYEE.EMPLOYEEID)
ON (AIRWAYS.AIRPORT.FLIGHTNUMBER = AIRWAYS.FLIGHT.FLIGHTNUMBER)
ORDER BY AIRWAYS.EMPLOYEE.EMPLOYEEID ASC;";
    $result = $conn->query($sql);

```

```

if ($result->num_rows > 0) {
    // output data of each row
    while($row = $result->fetch_assoc()) {
        echo "EMPLOYEEID: " . $row["EMPLOYEEID"]. " - NAME: " . $row["NAME"]. " -
AIRPORTID: " . $row["AIRPORTID"]. " - AIRPORTNAME: " . $row["AIRPORTNAME"].
" - LOCATION: " . $row["LOCATION"]. " - FLIGHTNUMBER: " .
$row["FLIGHTNUMBER"]. "<br>";
    }
} else {
    echo "0 results";
}

```

```
}  
}
```

```
if(isset($_POST['try4'])){  
    // Writing a mysql query to retrieve data  
    $sql = "SELECT  
    AIRWAYS.PASSENGER.NAME,ADDRESS,AIRWAYS.FLIGHT.FLIGHTNUMBER,  
    AIRWAYS.PAYMENT.PAYMENTID,AIRWAYS.AIRPORT.AIRPORTNAME,LOCATIO  
    N  
    FROM AIRWAYS.AIRPORT  
    INNER JOIN (AIRWAYS.FLIGHT  
    INNER JOIN (AIRWAYS.PASSENGER  
    INNER JOIN (AIRWAYS.TICKET INNER JOIN AIRWAYS.PAYMENT ON  
    AIRWAYS.TICKET.TICKETID = AIRWAYS.PAYMENT.TICKETID)  
    ON AIRWAYS.PASSENGER.SSN = AIRWAYS.TICKET.SSN)  
    ON AIRWAYS.FLIGHT.FLIGHTNUMBER = AIRWAYS.TICKET.FLIGHTNUMBER)  
    ORDER BY AIRWAYS.FLIGHT.FLIGHTNUMBER DESC;";  
    $result = $conn->query($sql);  
  
    if ($result->num_rows > 0) {  
        // output data of each row  
        while($row = $result->fetch_assoc()) {  
            echo "NAME: " . $row["NAME"]. " - ADDRESS: " . $row["ADDRESS"]. " -  
            FLIGHTNUMBER: " . $row["FLIGHTNUMBER"]. " - PAYMENTID: " .  
            $row["PAYMENTID"]. " - AIRPORTNAME: " . $row["AIRPORTNAME"]. " -  
            LOCATION: " . $row["LOCATION"]. "<br>";  
        }  
    } else {  
        echo "0 results";  
    }  
}
```

```
if(isset($_POST['try5'])){  
    // Writing a mysql query to retrieve data  
    $sql = "SELECT SUM(PAYMENTAMOUNT) as PAYS, SSN  
    FROM PAYMENT  
    GROUP BY PAYMENTID;";  
    $result = $conn->query($sql);  
  
    if ($result->num_rows > 0) {  
        // output data of each row  
        while($row = $result->fetch_assoc()) {  
            echo "PAYMENTAMOUNT: " . $row["PAYS"]. " - SSN: " . $row["SSN"]. "<br>";  
        }  
    }  
}
```

```

    }
} else {
    echo "0 results";
}
}

```

```

if(isset($_POST['try6'])){
// Writing a mysql query to retrieve data
$sql = "SELECT SUM(CAPACITY) as AVGCAP,FLIGHTNUMBER, FLIGHTTYPE
FROM FLIGHT
GROUP BY FLIGHTTYPE;";
$result = $conn->query($sql);

```

```

if ($result->num_rows > 0) {
    // output data of each row
    while($row = $result->fetch_assoc()) {
        echo "CAPACITY: " . $row["AVGCAP"]. " - FLIGHTNUMBER: " .
$row["FLIGHTNUMBER"]. " - FLIGHTTYPE: " . $row["FLIGHTTYPE"]. "<br>";
    }
} else {
    echo "0 results";
}
}

```

```

//mysql_select_db("AIRWAYS", $con);
if(isset($_POST['error1'])){
$sql = "INSERT INTO AIRWAYS.PASSENGER (SSN, NAME, EMAILID,
PHONENUMBER, ADDRESS)
VALUES
('".$_POST["SSN"]."', '".$_POST["NAME"]."', '".$_POST["EMAILID"]."', '".$_POST["PHO
NENUMBER"]."', '".$_POST["ADDRESS"]."')";
if ($conn->query($sql) === TRUE)
{
    echo "feedback sucessfully submitted";
}
else
{
    echo "Error: " . $sql . "<br>" . $conn->error;
}
}

```

```

if(isset($_POST['error2'])){

```

```

$sql = "DELETE FROM AIRWAYS.PASSENGER WHERE SSN='9898989898'";
if ($conn->query($sql) === TRUE)
{
    echo "feedback sucessfully deleted";
}
else
{
    echo "Error: " . $sql . "<br>" . $conn->error;
}
}

/*$sql = "SELECT SSN FROM AIRWAYS.PASSENGER";
$result = $conn->query($sql);
$demo1 = 0;
echo "<form action='#' method='POST'><select name='SSN'>";
while ($row = $result->fetch_assoc()) {
    echo "<option value='" . $row['SSN'] . "'>" . $row['SSN'] . "</option>";

}
echo "</select></form>";

if(isset($_POST['error3'])) {
    echo "hello";
    $demo=$_row['SSN'];
    echo $demo;
    $sql = "SELECT SSN,Name,EMAILID,PHONENUMBER,ADDRESS FROM
PASSENGER WHERE SSN ='$demo'";
    while($row = $result->fetch_assoc()) {
        echo "SSN: " . $row["SSN"]. " - Name: " . $row["Name"]. " - EMAILID: " .
$row["EMAILID"]. " - PHONENUMBER: " . $row["PHONENUMBER"]. " - ADDRESS: "
. $row["ADDRESS"]. "<br>";
    }

}*/
if(isset($_POST['error3'])) {
if($_POST['value'] == 'SMALL') {
    // query to get all Doe records
    $sql = "SELECT FLIGHTNUMBER,FLIGHTTYPE,CAPACITY FROM FLIGHT
WHERE FLIGHTTYPE='SMALL'";
    $result = $conn->query($sql);

    if ($result->num_rows > 0) {
        // output data of each row
        while($row = $result->fetch_assoc()) {

```

```

        echo "FLIGHTNUMBER: " . $row["FLIGHTNUMBER"]. " - FLIGHTTYPE: " .
$row["FLIGHTTYPE"]. " - CAPACITY: " . $row["CAPACITY"]."<br>";
    }
    } else {
        echo "0 results";
    }
}
}
elseif($_POST['value'] == 'MEDIUM') {
    // query to get all Earl records
    $sql = "SELECT FLIGHTNUMBER,FLIGHTTYPE,CAPACITY FROM FLIGHT
WHERE FLIGHTTYPE='MEDIUM'";
    $result = $conn->query($sql);

    if ($result->num_rows > 0) {
        // output data of each row
        while($row = $result->fetch_assoc()) {
            echo "FLIGHTNUMBER: " . $row["FLIGHTNUMBER"]. " - FLIGHTTYPE: " .
$row["FLIGHTTYPE"]. " - CAPACITY: " . $row["CAPACITY"]."<br>";
        }
    } else {
        echo "0 results";
    }
} else {
    // query to get all records
    $sql = "SELECT FLIGHTNUMBER,FLIGHTTYPE,CAPACITY FROM FLIGHT
WHERE FLIGHTTYPE='BIG'";
    $result = $conn->query($sql);

    if ($result->num_rows > 0) {
        // output data of each row
        while($row = $result->fetch_assoc()) {
            echo "FLIGHTNUMBER: " . $row["FLIGHTNUMBER"]. " - FLIGHTTYPE: " .
$row["FLIGHTTYPE"]. " - CAPACITY: " . $row["CAPACITY"]."<br>";
        }
    } else {
        echo "0 results";
    }
}
}

// Closing mysql connection
$conn->close();
?>
</html>

```