Internet and Web Programming
(CSE – 3002)

LABFAT

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Q5) Write a PHP-MYSQL program for an automobile dealer to automate its inventory. It can record all of the cars that a customer purchases. It records all repairs. It records all arriving shipments of repair parts. The dealer wants daily reports on total daily repairs, daily sales, and total inventory. This report is called "dailyreport." The dealer also keeps track of all customers and potential customers that visit the dealership. The dealer also wants a monthly report showing all visits and purchases by customers listed by day of the month. The dealer also wants the ability to query about any customer or potential customer. Note: Display Report results using XML style sheets

Ans5)

> **Aim:** To design an Inventory Management System for a Car Dealership
> **Code:**

<u>Record all of the cars that a customer purchases:</u>

<u>CAR.php:</u>
```php
<?php include('server.php') ?>
<!DOCTYPE html>
<html>
    <head>
  <title>Purchased Cars</title>
</head>
<body>
  <div class="header">
    <h2>Cars Purchased</h2>
  </div>

  <form method="post" action="register_car.php">
    <?php include('errors.php'); ?>
    <div class="input-group">
      <label>Car Name</label>
      <input type="text" name="car_name" value="<?php echo $car_name; ?>">
    </div>
    <div class="input-group">
      <label>Customer Name</label>
      <input type="text" name="cus_name" value="<?php echo $cus_name; ?>">
    </div>
    <div class="input-group">
      <button type="submit" class="btn" name="Submit">Submit</button>
    </div>
  </form>
</body>
</html>
```

<u>Register car.php:</u>
```php
<?php
session_start();
// initializing variables$username = "localost";$email    = "123456";$errors = array();
// connect to the database$db = mysqli_connect('localhost', 'root', '', 'register_car');
if (isset($_POST['Submit'])) {
  // receive all input values from the form
```

```php
    $username = mysqli_real_escape_string($db, $_POST['car_name']);
    $email = mysqli_real_escape_string($db, $_POST['cus_name']);

    // form validation: ensure that the form is correctly filled ...
    // by adding (array_push()) corresponding error unto $errors array
    if (empty($username)) { array_push($errors, "Carname is required"); }
    if (empty($email)) { array_push($errors, "customer name is required"); }
    }

      $query = "INSERT INTO users(car_name, cus_name) VALUES('$car_name', '$cus_name')";
      mysqli_query($db, $query);
      header('location: index.php');
    }
}

?>
```
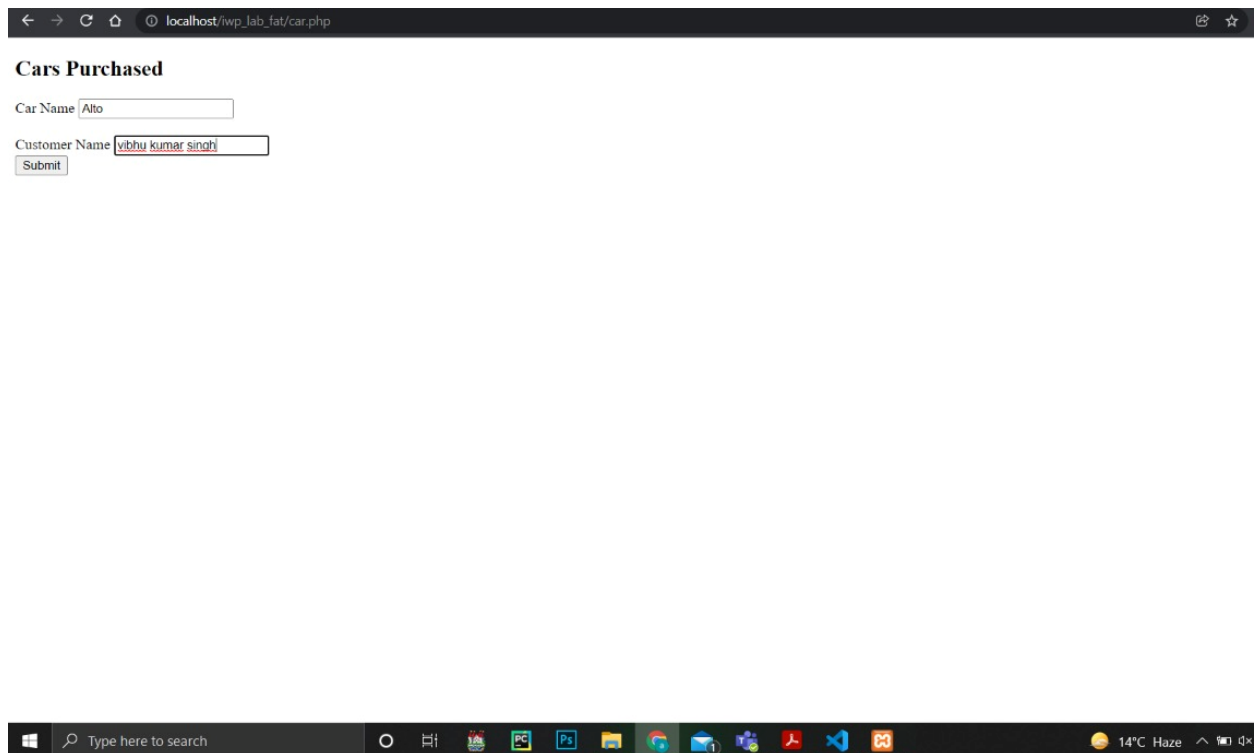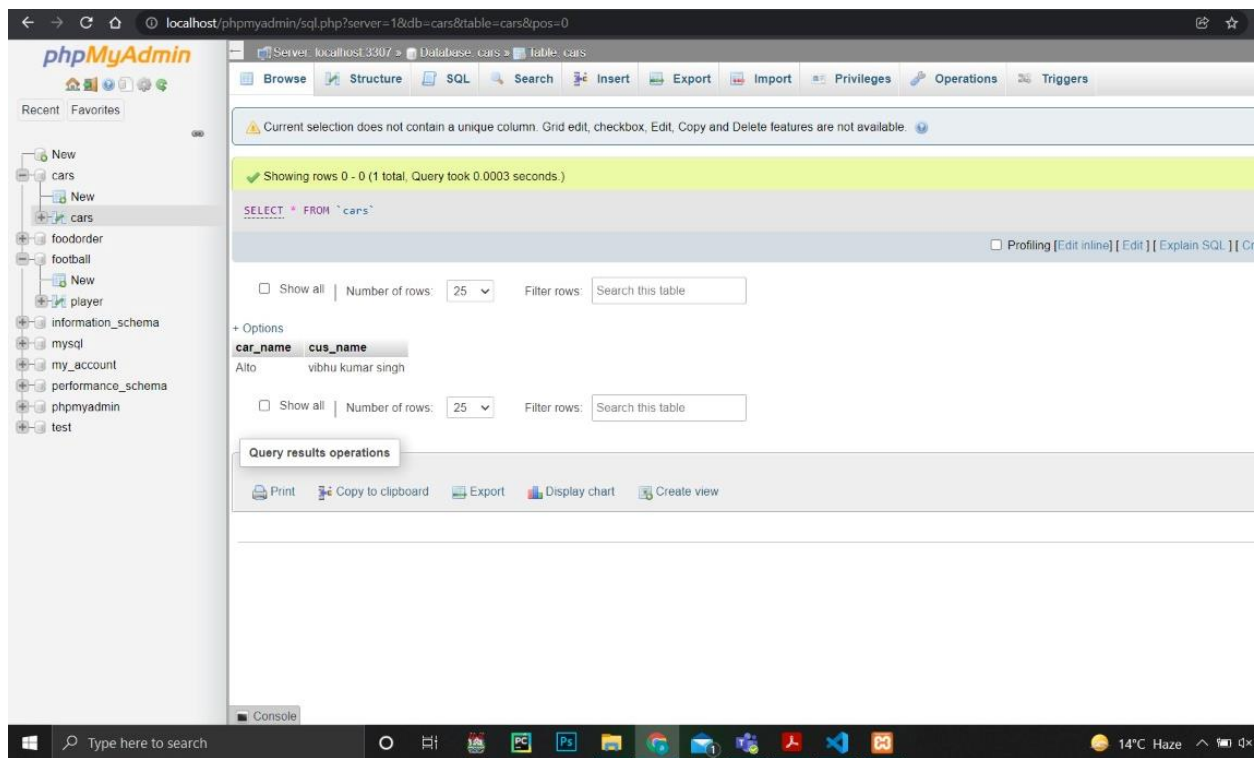
Cars_purchased.php:

```php
<?php
$servername = "localhost";
$username = "username";
$password = "password";
$dbname = "myDB";

// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);
// Check connection
if ($conn->connect_error) {
```
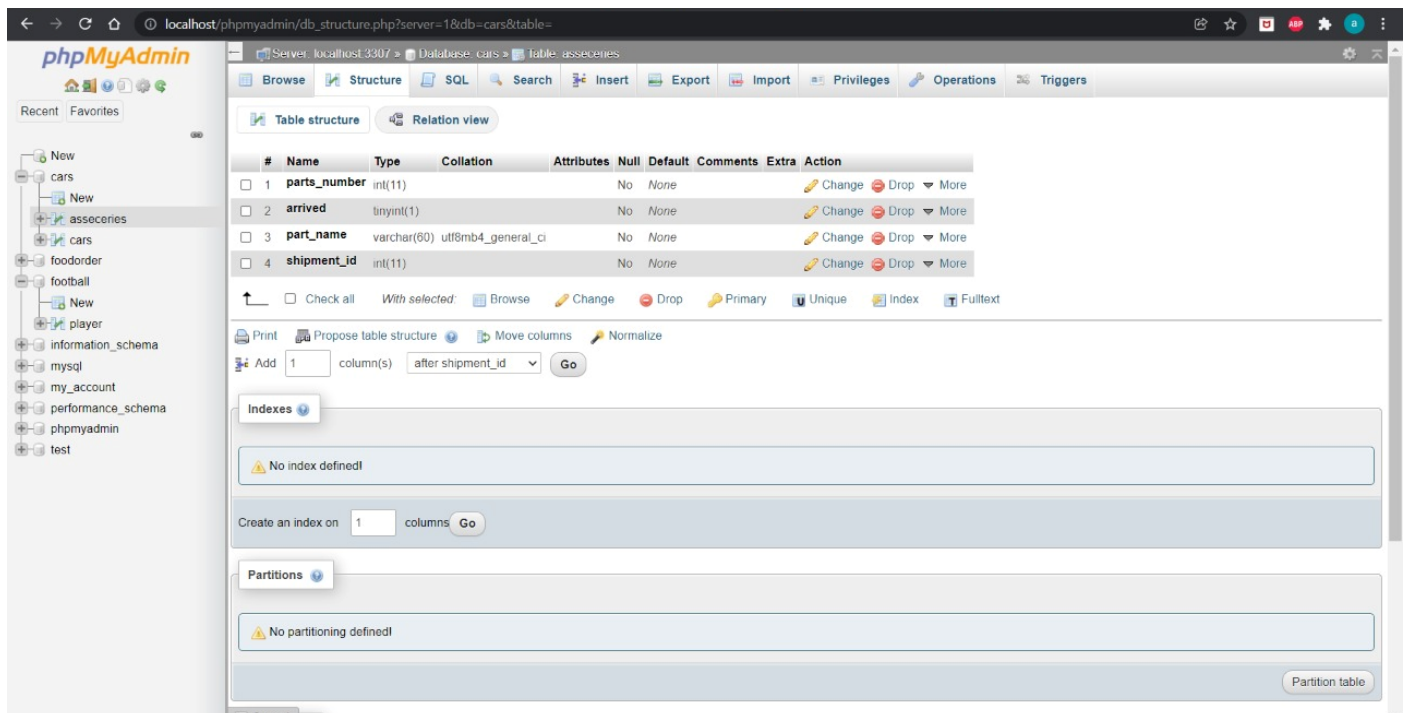
```php
    die("Connection failed: "  $conn->connect_error);
}

$sql = "SELECT car_name,cus_name FROM car";
$result = $conn->query($sql);

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

    echo "id: " . $row["car_name"]. " - cus_name: " . $row["cus_name"] "<br>";
  }
} else {
  echo "0 results";
}
$conn->close();
?>
```


parts.html:
```php
<?php  ?>
<!DOCTYPE html>
<html>
<head>
  <title>Purchased Parts</title></head><body>
  <div class="header">
    <h2>Parts</h2>
  </div>

  <form method="post" action="parts_car.php">
    <?php ?>
    <div class="input-group">
      <label>parts_number</label>
      <input type="text" name="parts_number" value="<?php echo $parts_number; ?>">
    </div>
      <br>
    <div class="input-group">
      <label>arrived</label>
      <input type="text" name="arrived" value="<?php echo $arrived; ?>">
    </div>
```

```
      <div class="input-group">
      <label>part_name</label>
      <input type="text" name="part_name" value="<?php echo $part_name; ?>">
   </div>
      <br>
      <div class="input-group">
      <label>shipment_id</label>
      <input type="text" name="shipment_id" value="<?php echo $shipment_id; ?>">
   </div>
      <div class="input-group">
      <button type="submit" class="btn" name="Submit">Submit</button>
   </div>
      <br>
  </form>
</body>
</html>
```
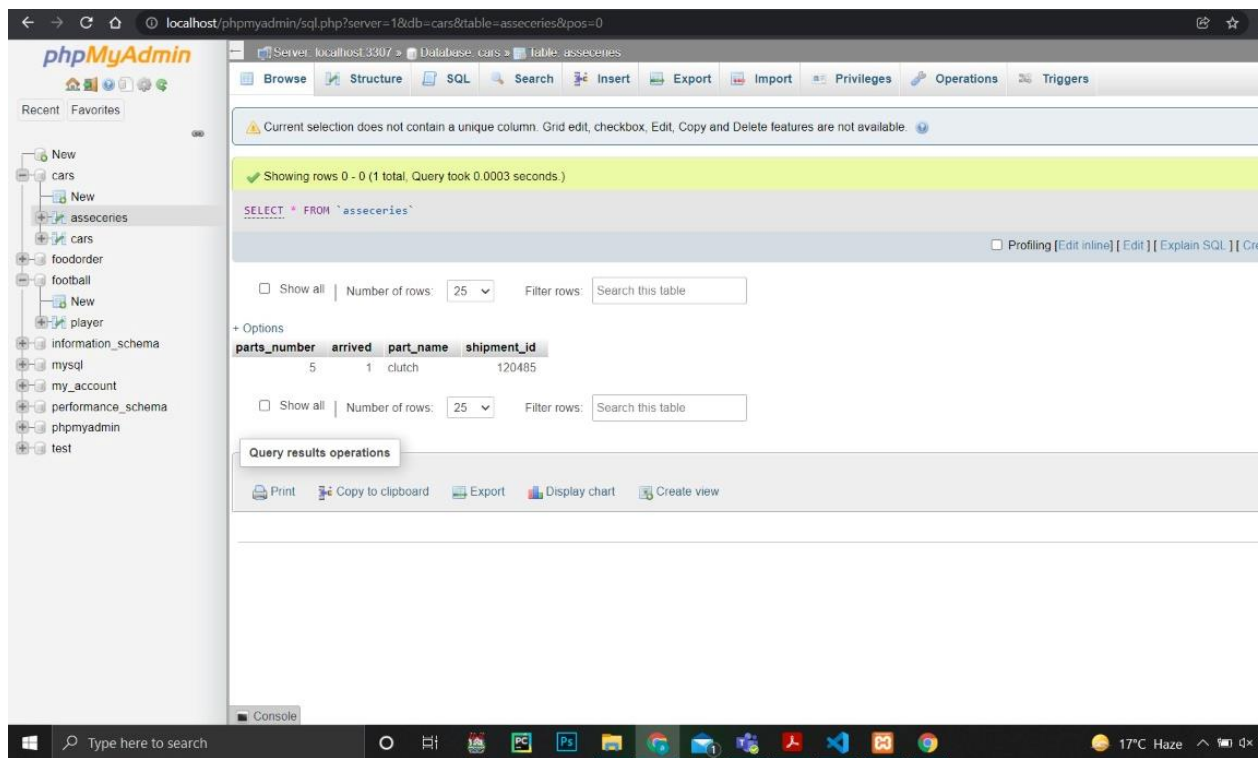
Repair Report:

Car_parts.php:
```php
<?php
session_start();
// initializing variables$username = "localost";$email    = "123456";$errors = array();
// connect to the database$db = mysqli_connect('localhost', 'root', '', 'assesrries');
if (isset($_POST['Submit'])) {
  // receive all input values from the form
  $part_number = mysqli_real_escape_string($db, $_POST['part_number']);
  $arrived = mysqli_real_escape_string($db, $_POST['arrived']);
  $part_name = mysqli_real_escape_string($db, $_POST['part_name']);
  $shipment_id = mysqli_real_escape_string($db, $_POST['shipment_id']);


    $query = "INSERT INTO assesrries (part_number, arrived,
part_name,shipment_id)                VALUES('$part_number',
'$arrived','$part_name','$shipment_id')";
    mysqli_query($db, $query);
    header('location: index.php');
  }
}
?>
```

get_report.php:
```php
<?php
$servername = "localhost";
$username = "username";
$password = "password";
$dbname = "cars";

// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);
// Check connection
if ($conn->connect_error) {
  die("Connection failed: " , $conn->connect_error);
```

```
}

$sql = "SELECT parts_number,arrived,part_name,shipment_id FROM assesrries";
$result = $conn->query($sql);

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

    echo "id: " . $row["parts_number"]. " "" . $row["arrived"] "" . $row["part_name"]. " "" .
$row["shipment_id"] "<br>";
  }
} else {
  echo "0 results";
}
$conn->close();
?>
```


$sql = "SELECT parts_number,arrived,part_name,shipment_id FROM assesrries";
$result = $conn->query($sql);