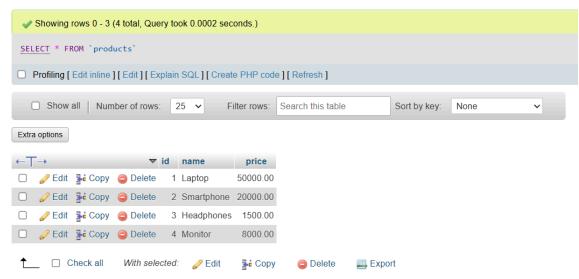
Name: Gaurang Vaghela Rollno: TEAD-22561 Mini Project Lab Mini Project Problem Statement:

Create Database of Products:



SQL Injection vulnerable web page:

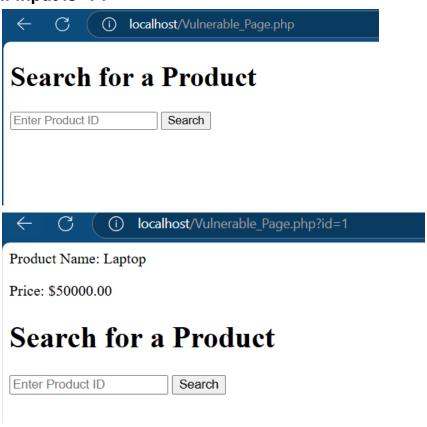
```
CODE:
<?php
$conn = new mysqli("localhost", "root", "", "sql_injection_demo");

if (isset($_GET["id"])) {
    $product_id = $_GET["id"];
    $query = "SELECT * FROM products WHERE id = '$product_id'";
    $result = $conn->query($query);

while ($row = $result->fetch_assoc()) {
    echo "Product Name: " . $row["name"] . "";
    echo "Price: $" . $row["price"] . "";
  }
}
?>
<!DOCTYPE html>
<html>
```

```
<head>
  <title>Product Search</title>
</head>
<body>
  <h1>Search for a Product</h1>
  <form method="GET">
    <input type="text" name="id" placeholder="Enter Product ID">
    <button type="submit">Search
  </form>
</body>
</html>
OUTPUT:
```

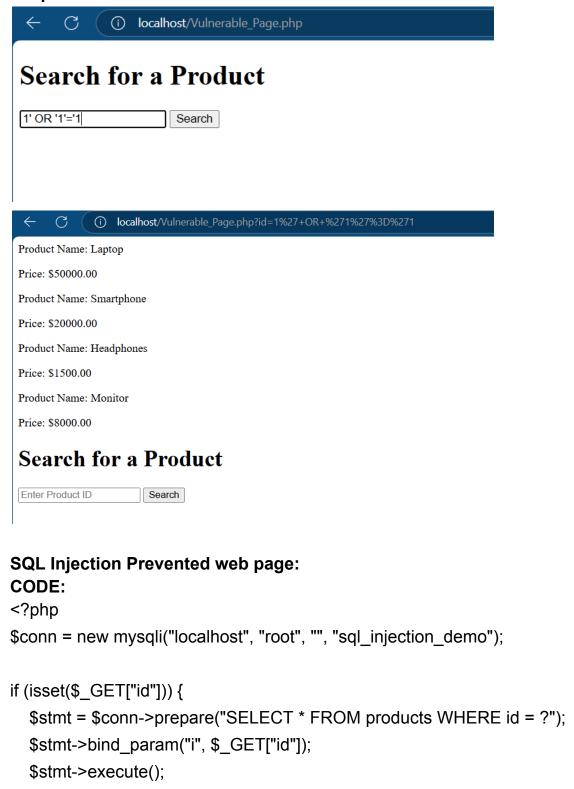
If input is '1':



If input is '1 OR 1=1':

\$result = \$stmt->get_result();

while (\$row = \$result->fetch assoc()) {

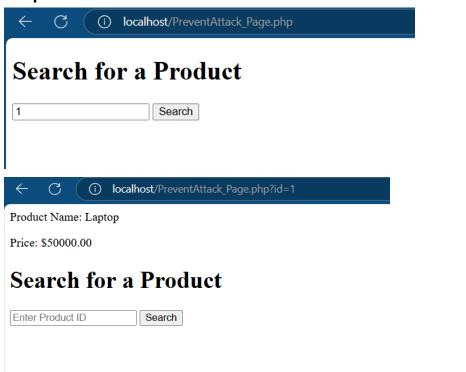


echo "Product Name: " . htmlspecialchars(\$row["name"]) . "";

echo "Price: \$" . htmlspecialchars(\$row["price"]) . "";

```
}
}
?>
<!DOCTYPE html>
<html>
<head>
  <title>Product Search</title>
</head>
<body>
  <h1>Search for a Product</h1>
  <form method="GET">
    <input type="text" name="id" placeholder="Enter Product ID">
    <button type="submit">Search</button>
  </form>
</body>
</html>
OUTPUT:
```

If input is '1':



If input is '1 OR 1=1':



Search for a Product

Enter Product ID Search