Maryam Mohamed Abdelhady

LEVEL 2

SEC 8

ALL the following statements is from the query (show create table (table name))

```
CREATE TABLE `customers` (
                          `id` int NOT NULL AUTO_INCREMENT,
                          `first_name` varchar(20) DEFAULT NULL,
                          `second_name` varchar(20) DEFAULT NULL,
                          `telephone` varchar(20) DEFAULT NULL,
                          PRIMARY KEY (`id`)
                         )
```

```
CREATE TABLE `desserts` (
                          `dessert` varchar(20) NOT NULL,
                          `price` decimal(3,2) NOT NULL,
                          `quantity` int DEFAULT '0',
                          PRIMARY KEY (`dessert`)
                         )
```

```
CREATE TABLE `orders` (
```

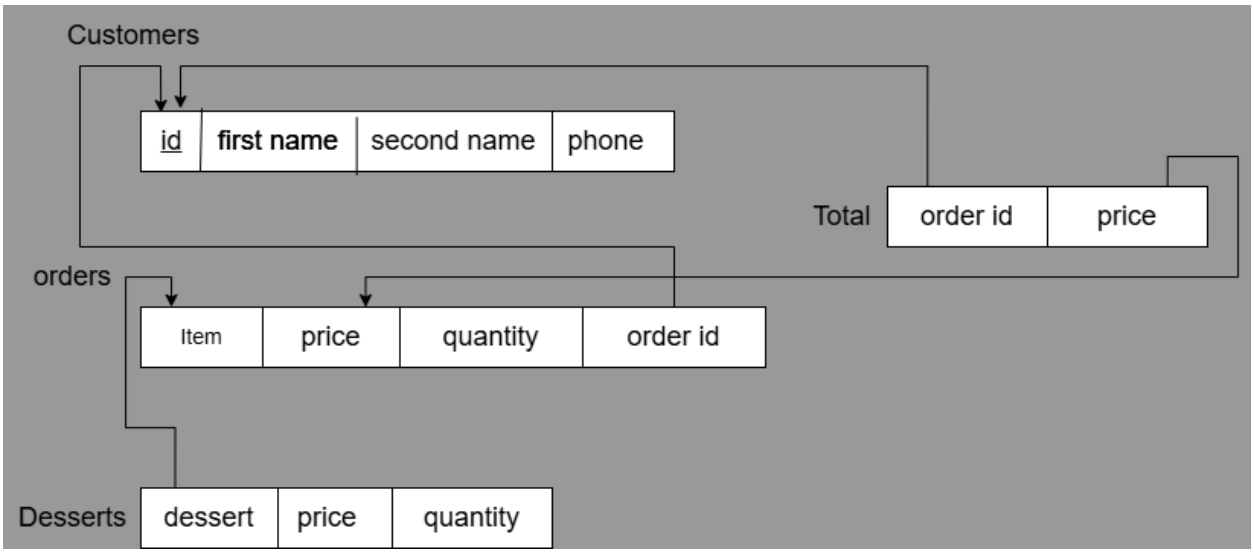
```
                                        `item` varchar(20) NOT NULL,
                                        `price` decimal(3,2) NOT NULL,
                                        `quantity` int DEFAULT NULL,
                                        `order_id` int DEFAULT NULL,
                                        KEY `order_id` (`order_id`),
                                        KEY `item` (`item`),
                                        CONSTRAINT `orders_ibfk_1` FOREIGN KEY
(`order_id`) REFERENCES `customers` (`id`),
                                        CONSTRAINT `orders_ibfk_2` FOREIGN KEY
(`item`) REFERENCES `desserts` (`dessert`)
                                    )
-----------------------------------------------------------------------------------------------------
CREATE TABLE `total` (
                                        `id` int DEFAULT NULL,
                                        `price` decimal(5,2) DEFAULT NULL,
                                        KEY `id` (`id`),
                                        CONSTRAINT `total_ibfk_1` FOREIGN KEY
(`id`) REFERENCES `customers` (`id`)
                                    )
```

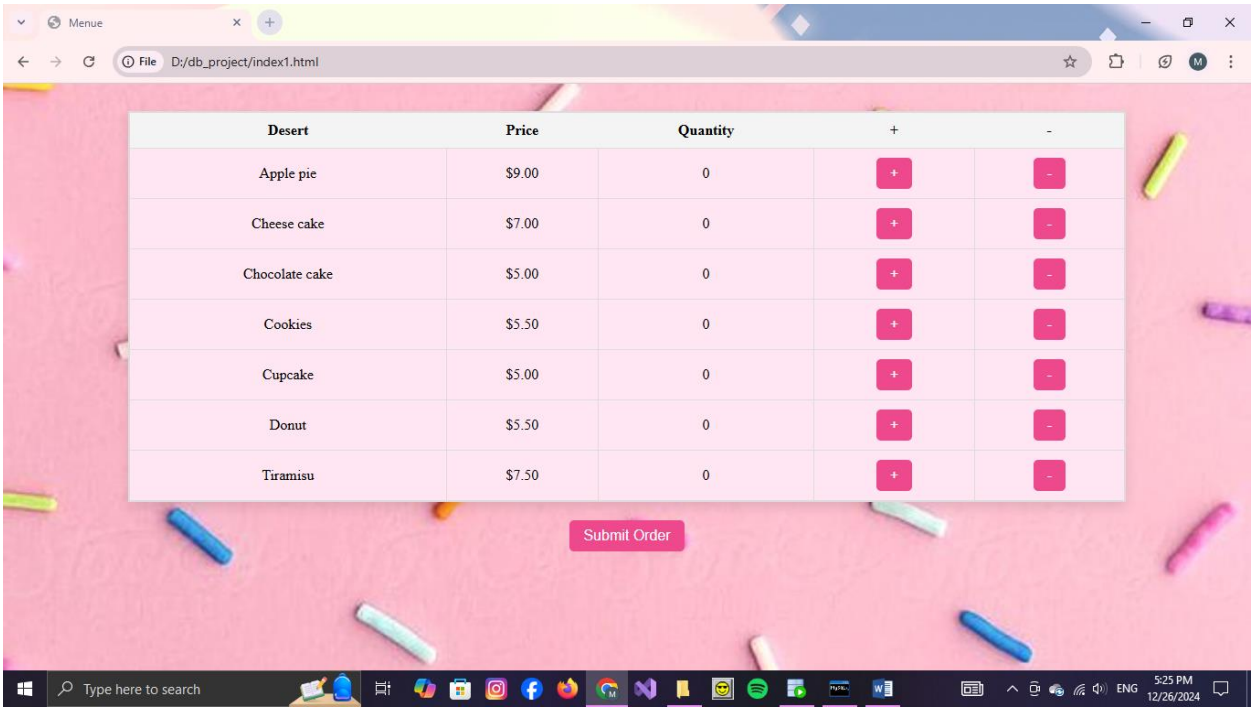
I used triggers for auto insert (all following statements is from the query (show create trigger (trigger name))

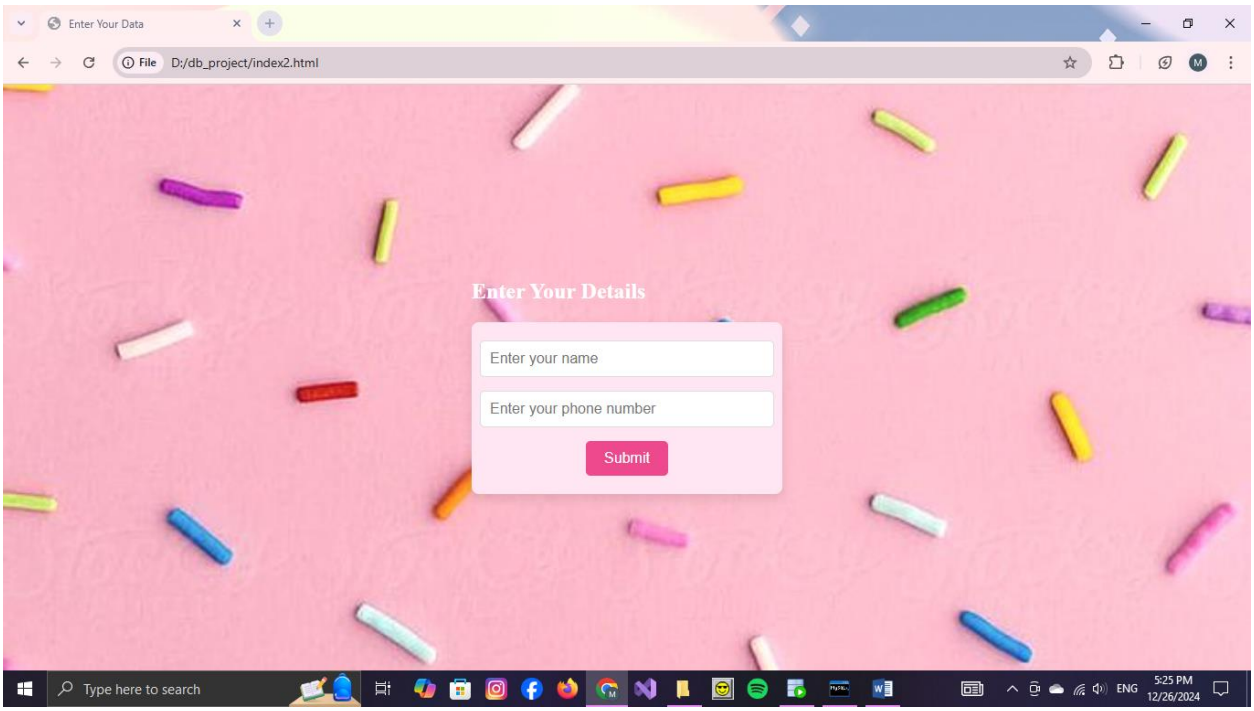
```
TRIGGER `set_total` AFTER INSERT ON `orders` FOR EACH ROW BEGIN
```

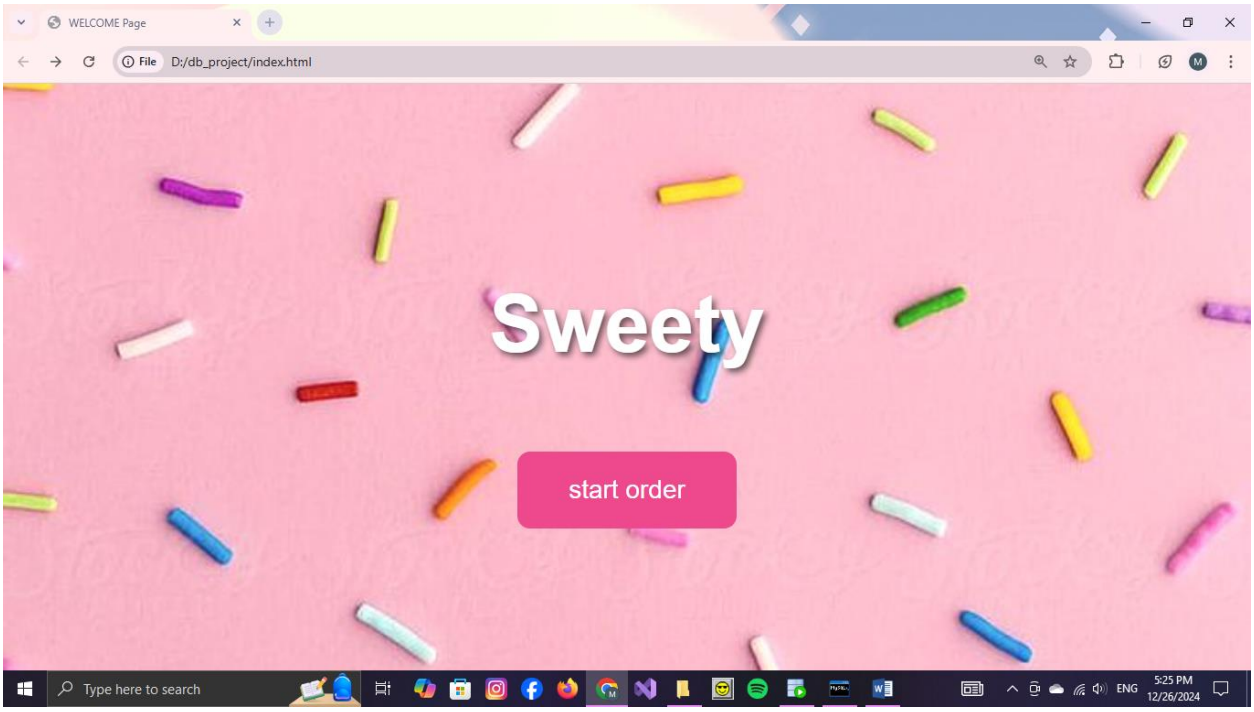
```
INSERT INTO total ( id ,price )
VALUES ( NEW.order_id , NEW.price ) ;
END
-----------------------------------------------------------------------------------------------------
TRIGGER `Order_of` AFTER INSERT ON `customers` FOR EACH ROW BEGIN
   UPDATE Orders
   SET order_id = NEW.id
   WHERE order_id IS NULL;
END

TRIGGER `Order_of` AFTER INSERT ON `customers` FOR EACH ROW BEGIN
   UPDATE Orders
   SET order_id = NEW.id
   WHERE order_id IS NULL;
END
-----------------------------------------------------------------------------------------------------

TRIGGER `Order_dessert` AFTER UPDATE ON `desserts` FOR EACH ROW BEGIN

IF NEW.quantity > 0 THEN

IF EXISTS(SELECT 1 FROM Orders WHERE item = NEW.dessert )
THEN
UPDATE Orders
```

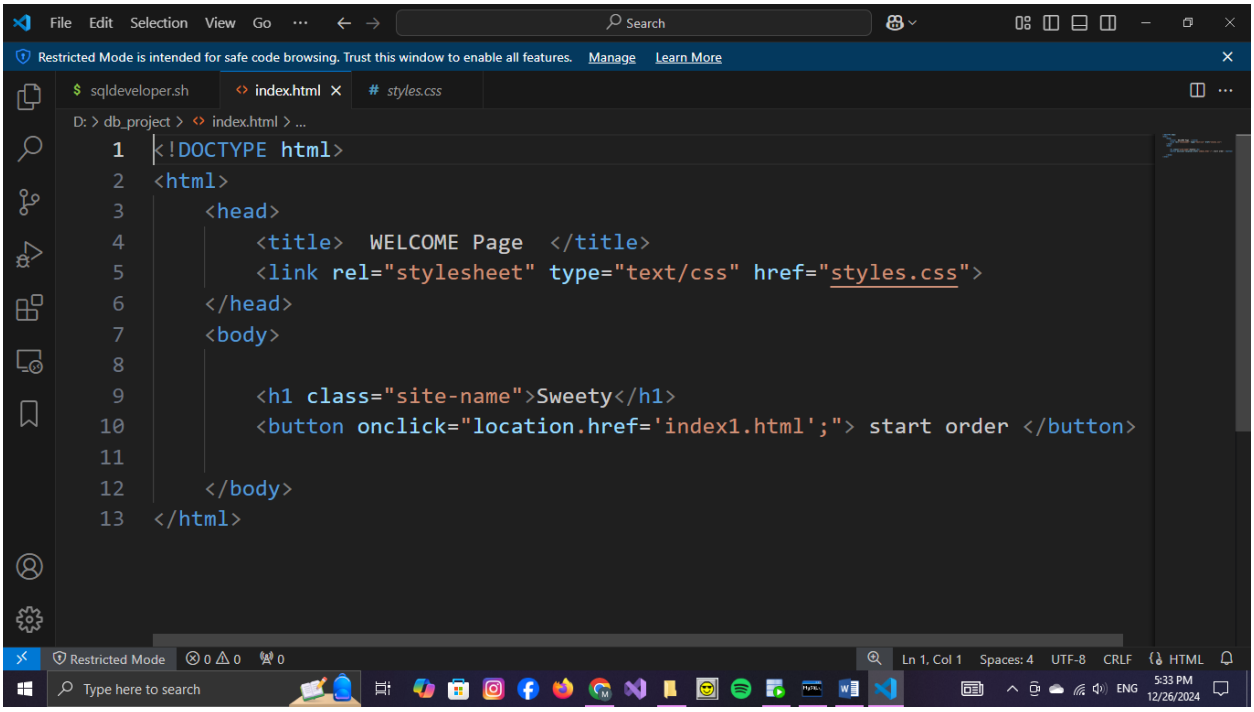
```
SET quantity = NEW.quantity
WHERE item = NEW.dessert ;

ELSE
INSERT INTO Orders (item, price, quantity)
VALUES (NEW.dessert , NEW.price, NEW.quantity);

END IF ;

ELSE

IF EXISTS(SELECT 1 FROM Orders WHERE item = NEW.dessert )
THEN
DELETE FROM Orders WHERE item = NEW.dessert ;

END IF ;

END IF ;

END
```

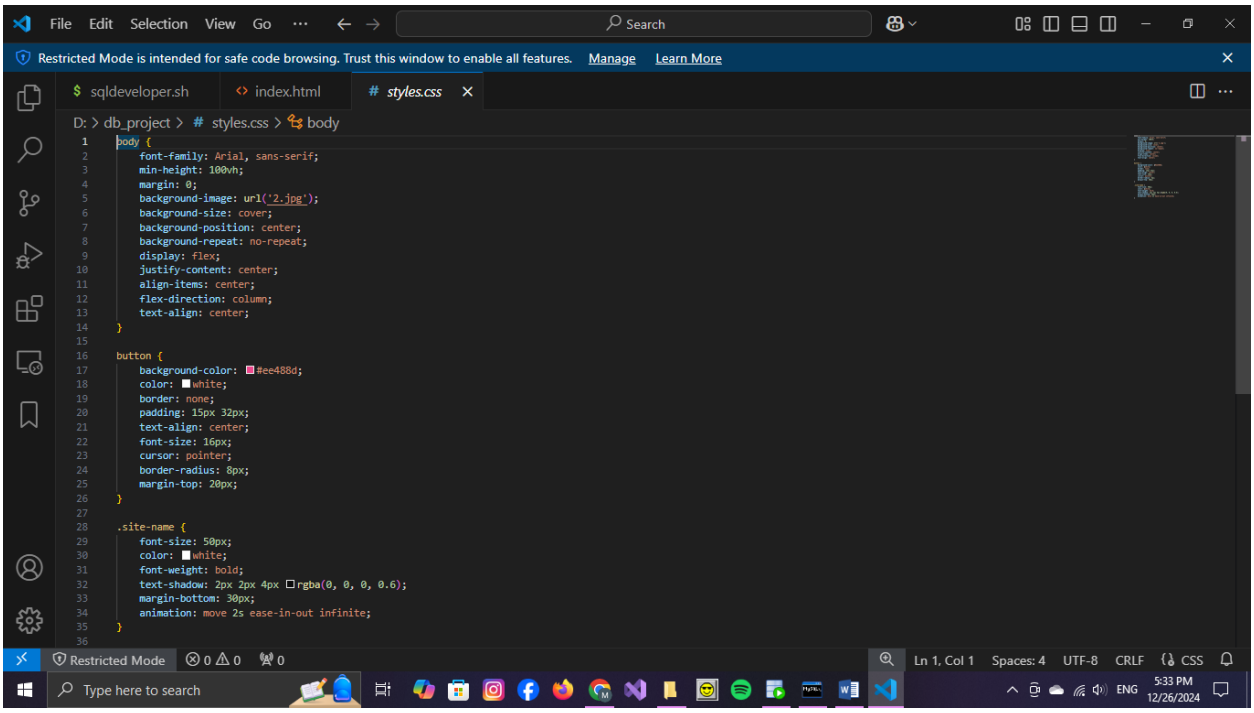

Customers
id
first name
second name
phone
Total
order id
price
orders
Item
price
quantity
order id
Desserts
dessert
price
quantity

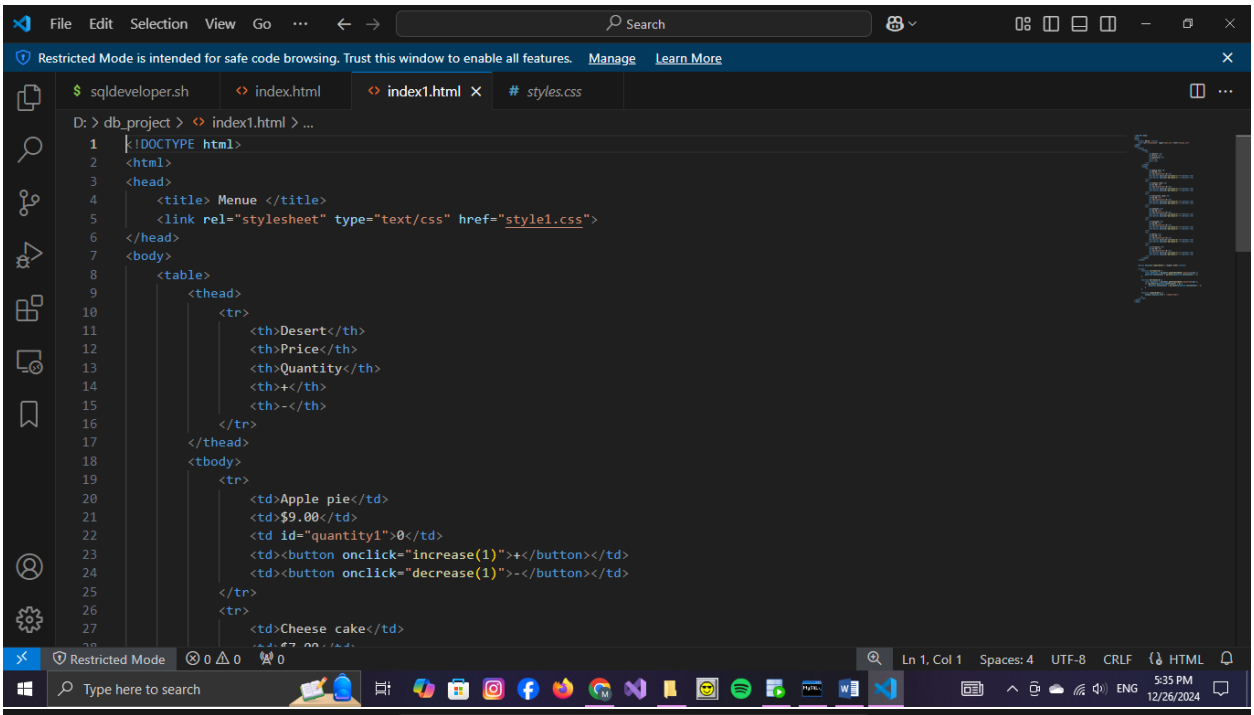

Menue
File
D:/db_project/index1.html
Desert
Price
Quantity
+
-
Apple pie
$9.00
0
Cheese cake
$7.00
0
Chocolate cake
$5.00
0
Cookies
$5.50
0
Cupcake
$5.00
0
Donut
$5.50
0
Tiramisu
$7.50
0
Submit Order
Type here to search
ENG
5:25 PM
12/26/2024

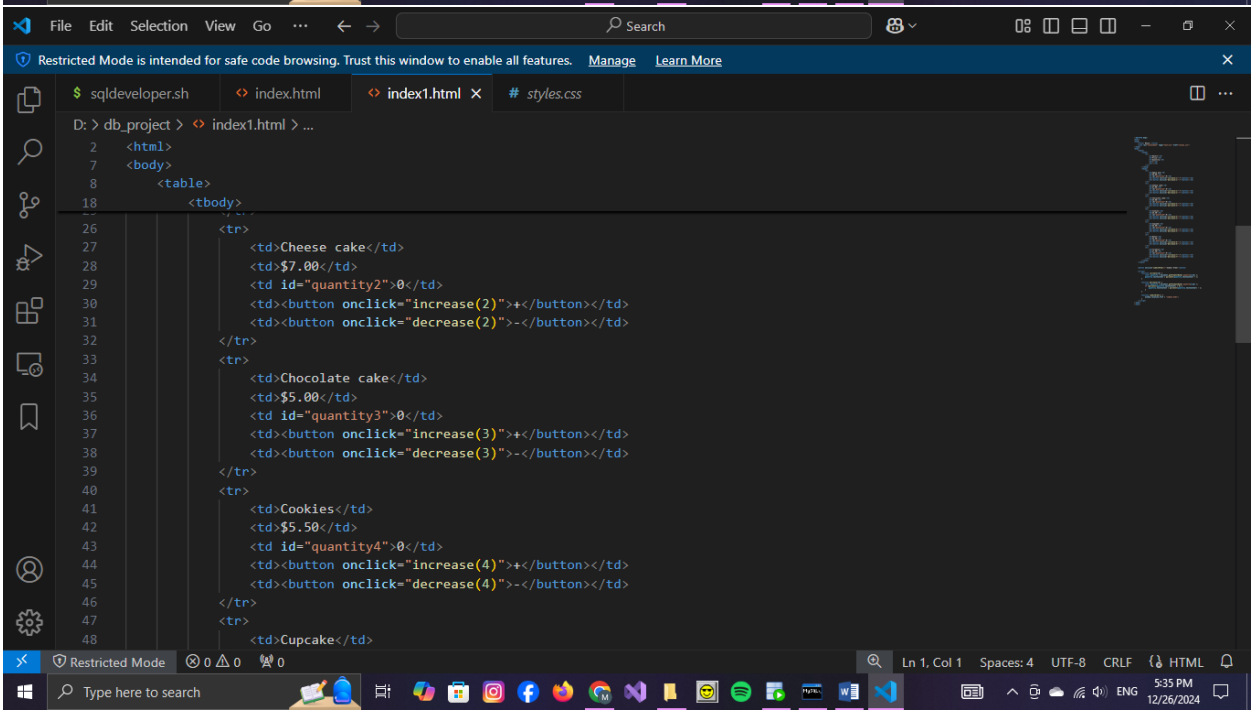

Enter Your Data
File D:/db_project/index2.html
Enter Your Details
Enter your name
Enter your phone number
Submit
Type here to search
ENG
5:25 PM
12/26/2024

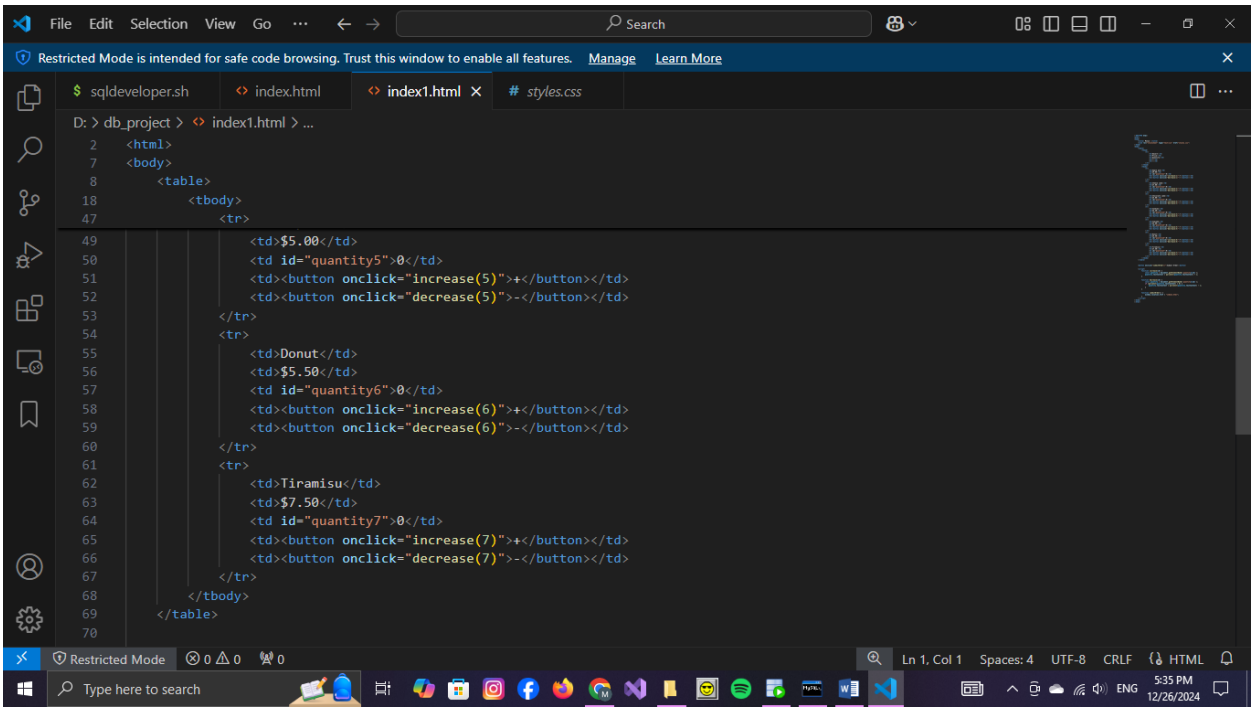

WELCOME Page
File D:/db_project/index.html
Sweety
start order
Type here to search
ENG
5:25 PM
12/26/2024

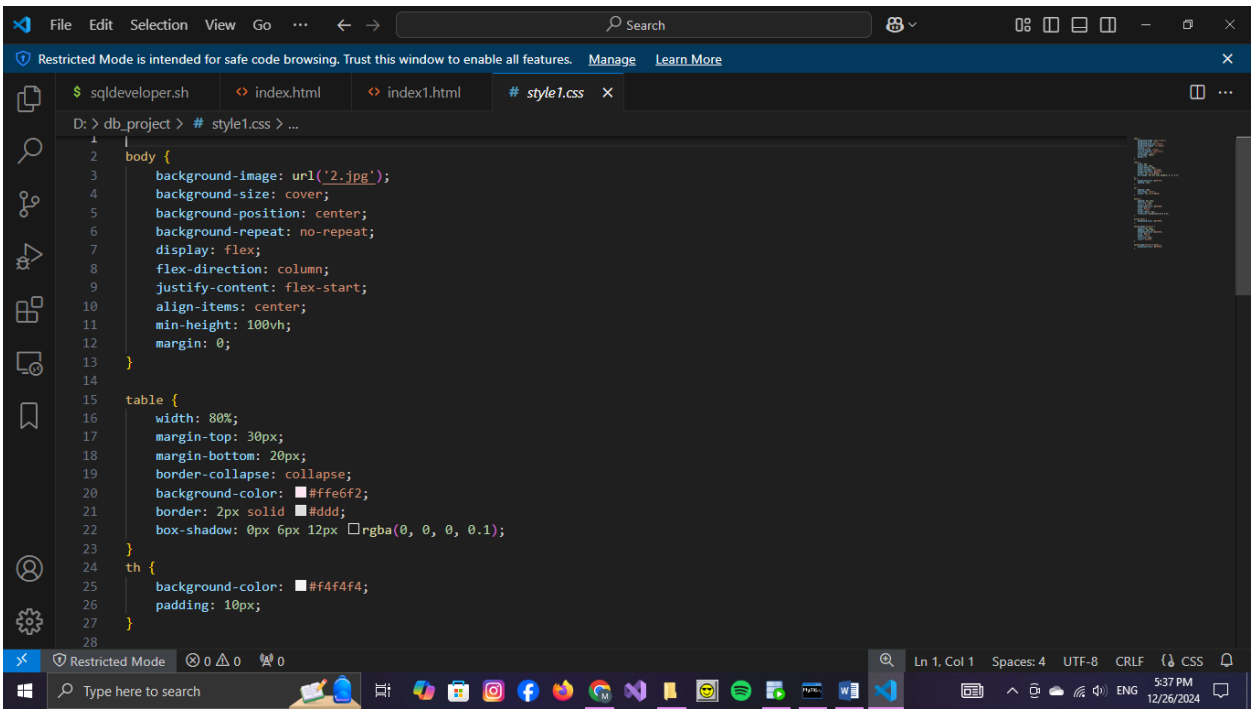

File Edit Selection View Go
Search
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More
sqldeveloper.sh
index.html
styles.css
D: > db_project > index.html > ...
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title> WELCOME Page </title>
5 <link rel="stylesheet" type="text/css" href="styles.css">
6 </head>
7 <body>
8
9 <h1 class="site-name">Sweety</h1>
10 <button onclick="location.href='index1.html';"> start order </button>
11
12 </body>
13 </html>
Restricted Mode
Ln 1, Col 1 Spaces: 4 UTF-8 CRLF HTML
Type here to search
ENG
5:33 PM
12/26/2024

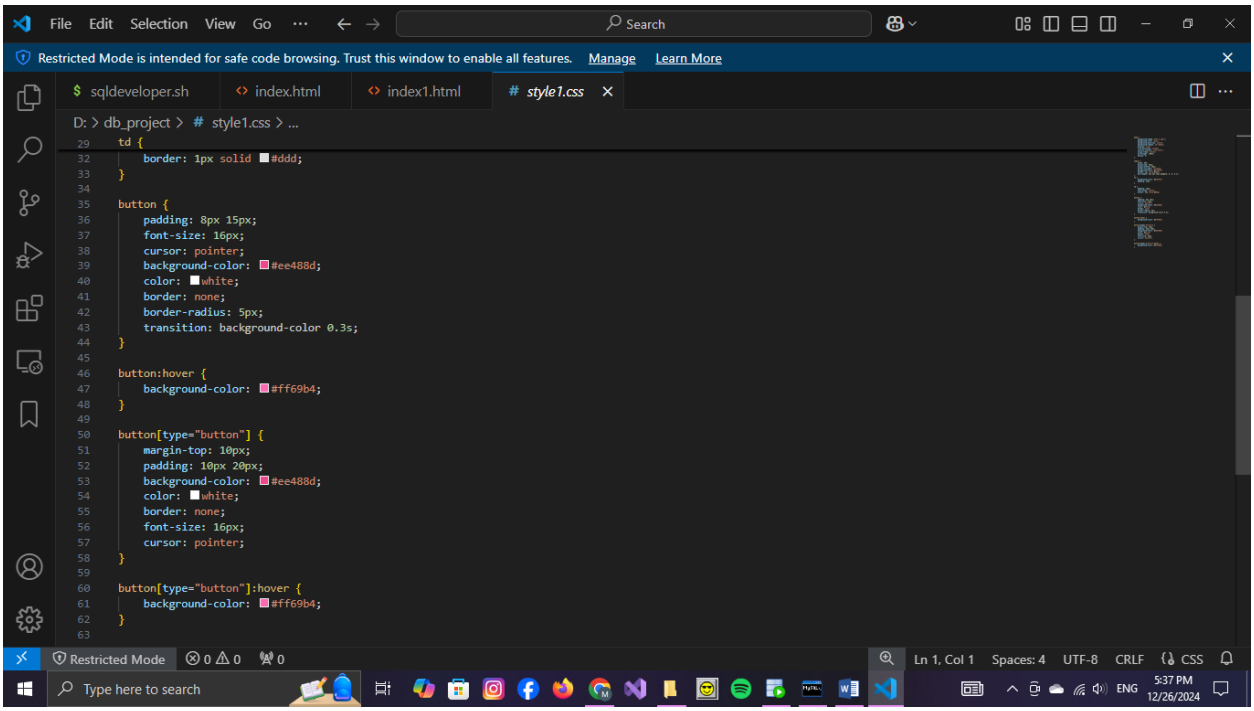

File Edit Selection View Go
Search
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More
sqldeveloper.sh
index.html
styles.css
D: > db_project > styles.css > body
body {
font-family: Arial, sans-serif;
min-height: 100vh;
margin: 0;
background-image: url('2.jpg');
background-size: cover;
background-position: center;
background-repeat: no-repeat;
display: flex;
justify-content: center;
align-items: center;
flex-direction: column;
text-align: center;
}
button {
background-color: #ee488d;
color: white;
border: none;
padding: 15px 32px;
text-align: center;
font-size: 16px;
cursor: pointer;
border-radius: 8px;
margin-top: 20px;
}
.site-name {
font-size: 50px;
color: white;
font-weight: bold;
text-shadow: 2px 2px 4px rgba(0, 0, 0, 0.6);
margin-bottom: 30px;
animation: move 2s ease-in-out infinite;
}
Restricted Mode
Ln 1, Col 1 Spaces: 4 UTF-8 CRLF CSS
Type here to search
ENG
5:33 PM
12/26/2024

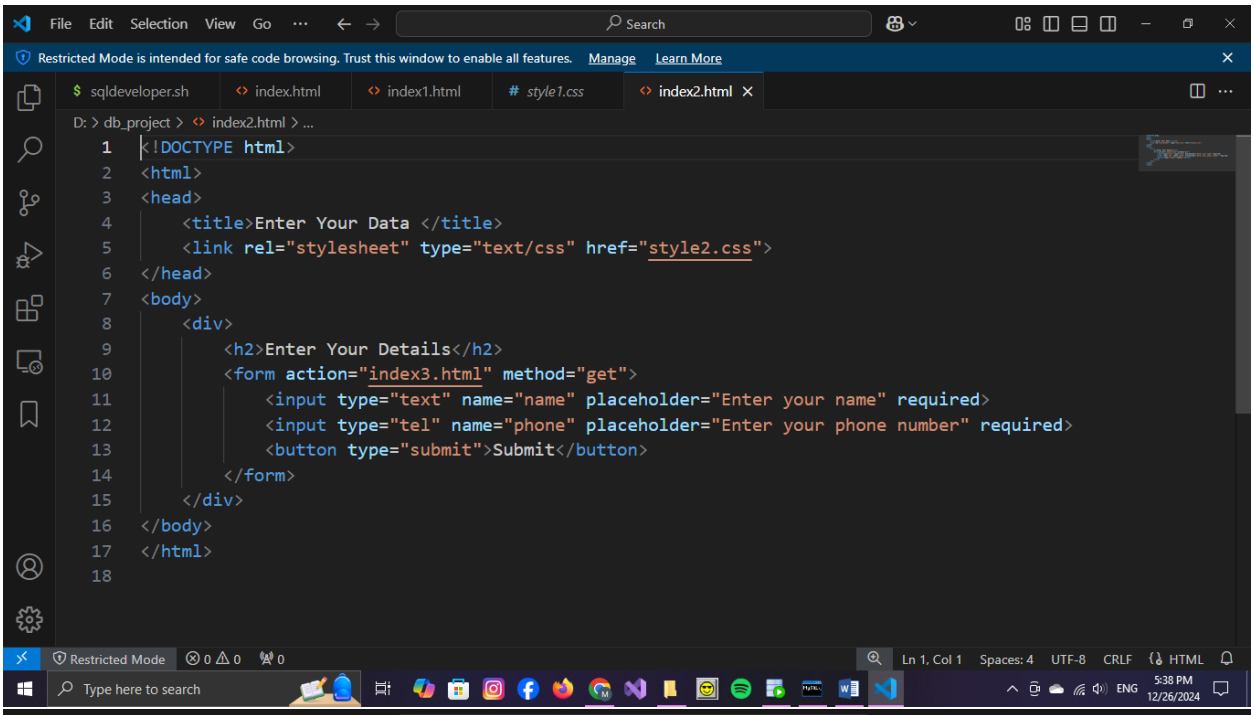

File Edit Selection View Go
Search
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More
sqldeveloper.sh
index.html
index1.html
styles.css
D: > db_project > index1.html > ...
<!DOCTYPE html>
<html>
<head>
<title> Menue </title>
<link rel="stylesheet" type="text/css" href="style1.css">
</head>
<body>
<table>
<thead>
<tr>
<th>Desert</th>
<th>Price</th>
<th>Quantity</th>
<th>+</th>
<th>-</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apple pie</td>
<td>$9.00</td>
<td id="quantity1">0</td>
<td><button onclick="increase(1)">+</button></td>
<td><button onclick="decrease(1)">-</button></td>
</tr>
<tr>
<td>Cheese cake</td>
Restricted Mode
Ln 1, Col 1 Spaces: 4 UTF-8 CRLF HTML
Type here to search
ENG
5:35 PM
12/26/2024

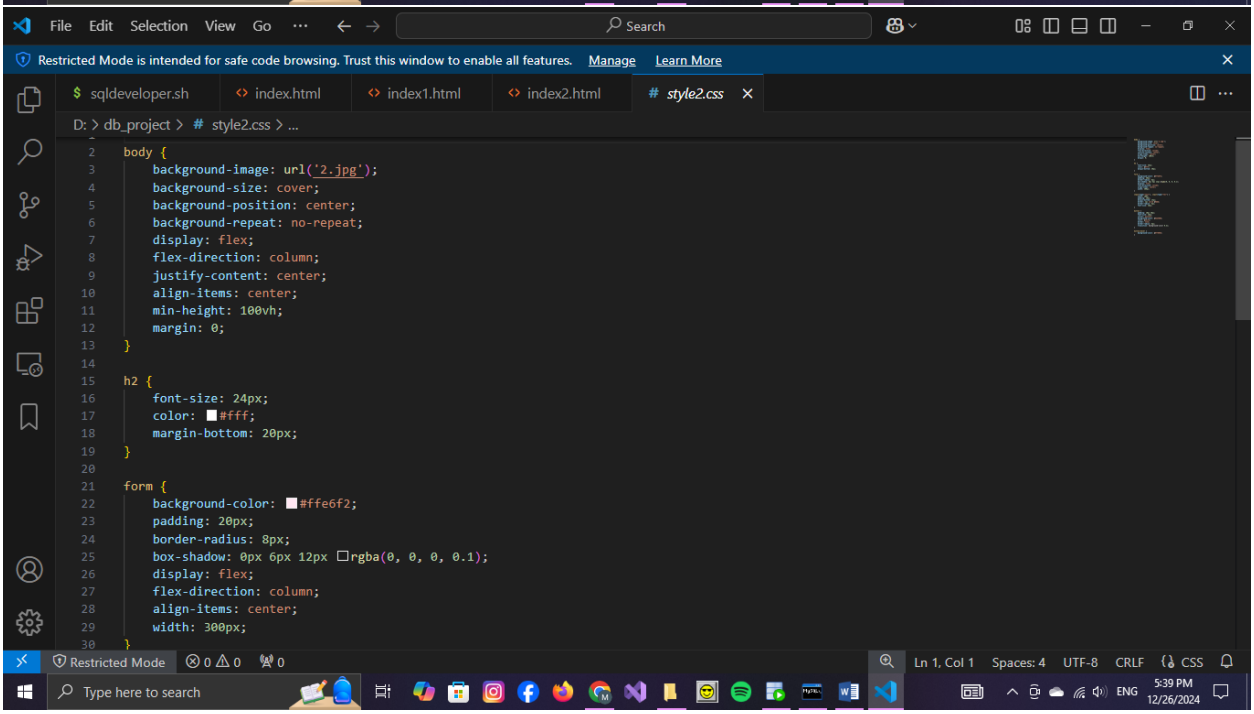

File Edit Selection View Go
Search
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More
sqldeveloper.sh
index.html
index1.html
styles.css
D: > db_project > index1.html > ...
<html>
<body>
<table>
<tbody>
<tr>
<td>Cheese cake</td>
<td>$7.00</td>
<td id="quantity2">0</td>
<td><button onclick="increase(2)">+</button></td>
<td><button onclick="decrease(2)">-</button></td>
</tr>
<tr>
<td>Chocolate cake</td>
<td>$5.00</td>
<td id="quantity3">0</td>
<td><button onclick="increase(3)">+</button></td>
<td><button onclick="decrease(3)">-</button></td>
</tr>
<tr>
<td>Cookies</td>
<td>$5.50</td>
<td id="quantity4">0</td>
<td><button onclick="increase(4)">+</button></td>
<td><button onclick="decrease(4)">-</button></td>
</tr>
<tr>
<td>Cupcake</td>
Restricted Mode
Ln 1, Col 1 Spaces: 4 UTF-8 CRLF HTML
Type here to search
ENG
5:35 PM
12/26/2024

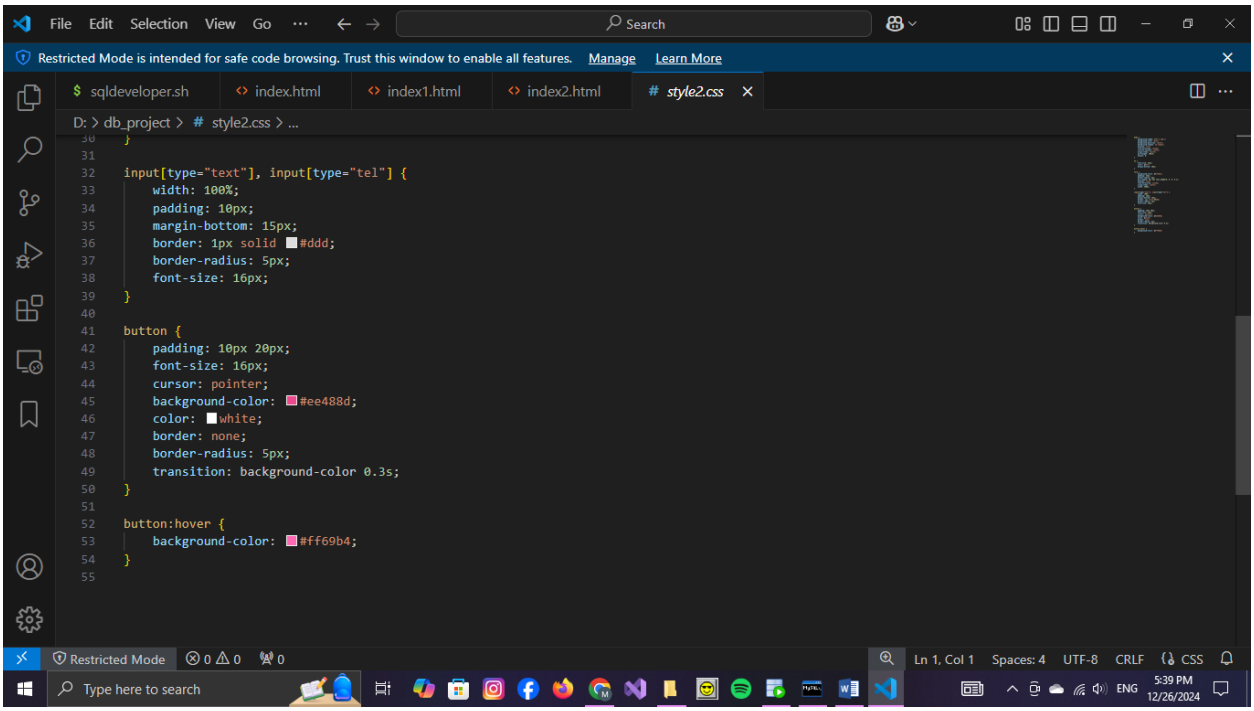

File Edit Selection View Go
Search
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More
sqldeveloper.sh
index.html
index1.html
styles.css
D: > db_project > index1.html > ...
<html>
<body>
<table>
<tbody>
<tr>
<td>$5.00</td>
<td id="quantity5">0</td>
<td><button onclick="increase(5)">+</button></td>
<td><button onclick="decrease(5)">-</button></td>
</tr>
<tr>
<td>Donut</td>
<td>$5.50</td>
<td id="quantity6">0</td>
<td><button onclick="increase(6)">+</button></td>
<td><button onclick="decrease(6)">-</button></td>
</tr>
<tr>
<td>Tiramisu</td>
<td>$7.50</td>
<td id="quantity7">0</td>
<td><button onclick="increase(7)">+</button></td>
<td><button onclick="decrease(7)">-</button></td>
</tr>
</tbody>
</table>
Restricted Mode
Ln 1, Col 1 Spaces: 4 UTF-8 CRLF HTML
Type here to search
ENG
5:35 PM
12/26/2024


File Edit Selection View Go
Search
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More
sqldeveloper.sh
index.html
index1.html
style1.css
D: > db_project > style1.css > ...
body {
background-image: url('2.jpg');
background-size: cover;
background-position: center;
background-repeat: no-repeat;
display: flex;
flex-direction: column;
justify-content: flex-start;
align-items: center;
min-height: 100vh;
margin: 0;
}
table {
width: 80%;
margin-top: 30px;
margin-bottom: 20px;
border-collapse: collapse;
background-color: #ffe6f2;
border: 2px solid #ddd;
box-shadow: 0px 6px 12px rgba(0, 0, 0, 0.1);
}
th {
background-color: #f4f4f4;
padding: 10px;
}
Restricted Mode
Ln 1, Col 1 Spaces: 4 UTF-8 CRLF CSS
Type here to search
ENG
5:37 PM
12/26/2024


File Edit Selection View Go
Search
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More
sqldeveloper.sh
index.html
index1.html
style1.css
D: > db_project > # style1.css > ...
td {
border: 1px solid #ddd;
}
button {
padding: 8px 15px;
font-size: 16px;
cursor: pointer;
background-color: #ee488d;
color: white;
border: none;
border-radius: 5px;
transition: background-color 0.3s;
}
button:hover {
background-color: #ff69b4;
}
button[type="button"] {
margin-top: 10px;
padding: 10px 20px;
background-color: #ee488d;
color: white;
border: none;
font-size: 16px;
cursor: pointer;
}
button[type="button"]:hover {
background-color: #ff69b4;
}
Restricted Mode
Ln 1, Col 1
Spaces: 4
UTF-8
CRLF
CSS
Type here to search
ENG
5:37 PM
12/26/2024


File Edit Selection View Go
Search
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More
sqldeveloper.sh
index.html
index1.html
style1.css
index2.html
D: > db_project > index2.html > ...
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Enter Your Data </title>
5 <link rel="stylesheet" type="text/css" href="style2.css">
6 </head>
7 <body>
8
9 <h2>Enter Your Details</h2>
10 <form action="index3.html" method="get">
11 <input type="text" name="name" placeholder="Enter your name" required>
12 <input type="tel" name="phone" placeholder="Enter your phone number" required>
13 <button type="submit">Submit</button>
14 </form>
15
16 </body>
17 </html>
18
Restricted Mode
Ln 1, Col 1 Spaces: 4 UTF-8 CRLF HTML
Type here to search
ENG
5:38 PM
12/26/2024


File Edit Selection View Go
Search
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More
sqldeveloper.sh
index.html
index1.html
index2.html
style2.css
D: > db_project > style2.css > ...
2 body {
3 background-image: url('2.jpg');
4 background-size: cover;
5 background-position: center;
6 background-repeat: no-repeat;
7 display: flex;
8 flex-direction: column;
9 justify-content: center;
10 align-items: center;
11 min-height: 100vh;
12 margin: 0;
13 }
14
15 h2 {
16 font-size: 24px;
17 color: #fff;
18 margin-bottom: 20px;
19 }
20
21 form {
22 background-color: #ffe6f2;
23 padding: 20px;
24 border-radius: 8px;
25 box-shadow: 0px 6px 12px rgba(0, 0, 0, 0.1);
26 display: flex;
27 flex-direction: column;
28 align-items: center;
29 width: 300px;
30 }
Restricted Mode
Ln 1, Col 1 Spaces: 4 UTF-8 CRLF CSS
Type here to search
ENG
5:39 PM
12/26/2024



I really tried but I cannot link data base with GUI until now :(