

MZUMBE UNIVERSITY



FACULTY OF SCIENCE AND TECHNOLOGY

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PRORAMME: BSc. ICTM 2

COURSE CODE: CSS 221

COURSE NAME: WEB DEVELOPMENT

TASK: INDIVIDUAL ASSIGNMENT

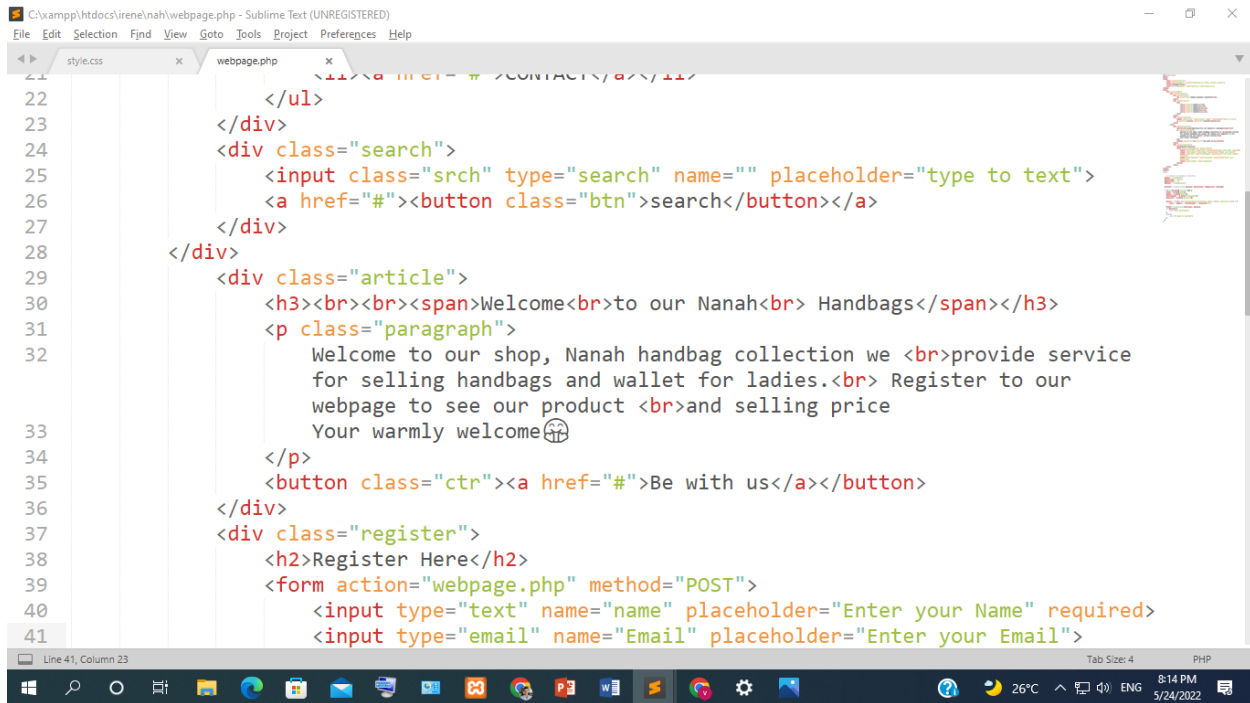
QUESTION:

Create from scratch, a simple single-page website for any organization or person of your choice. The website should have the following features: i. Has only a single page with all the required information. ii. In the same page, must have one form which collects feedback or questions from the site visitors. The form should have at least five distinct input types (observe the use of the most appropriate input types depending on the information that you want to collect). iii. Must have a database with a table in which the submitted feedback or questions from the form will be stored. iv. Must have a script that collects the information submitted in the HTML form, processes them, inserts them in the database table in (iii) above, and gives the user appropriate feedback.

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HTML WITH PHP CODES FOR A WEBPAGE



```
21 <a href="#">CONTACT</a></li>
22 </ul>
23 </div>
24 <div class="search">
25 <input class="srch" type="search" name="" placeholder="type to text">
26 <a href="#"><button class="btn">search</button></a>
27 </div>
28 </div>
29 <div class="article">
30 <h3><br><br><span>Welcome<br>to our Nanah<br> Handbags</span></h3>
31 <p class="paragraph">
32 Welcome to our shop, Nanah handbag collection we <br>provide service
for selling handbags and wallet for ladies.<br> Register to our
webpage to see our product <br>and selling price
Your warmly welcome
33 </p>
34 <button class="ctr"><a href="#">Be with us</a></button>
35 </div>
36 <div class="register">
37 <h2>Register Here</h2>
38 <form action="webpage.php" method="POST">
39 <input type="text" name="name" placeholder="Enter your Name" required>
40 <input type="email" name="Email" placeholder="Enter your Email">
41
```

Figure 2 html code 2

```
C:\xampp\htdocs\irene\nah\webpage.php - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

style.css x webpage.php x
41 <input type="email" name="Email" placeholder="Enter your Email">
42 <input type="tel" name="PhoneNumber" placeholder="Your Phone Number"
    required>
43 <input type="password" name="password" placeholder="Enter your
    password">
44 <input type="submit" name="register">
45 </form>
46 </div>
47 </div>
48 </body>
49 </html>
50 <?php
51
52 // creation of database connection
53 $xampp = "localhost";
54 $Dbusername = "root";
55 $dbpassword = "";
56 $Dbname = "organization";
57
58 $connect = mysqli_connect($xampp, $Dbusername, $dbpassword, $Dbname);
59
60 if (isset($_POST['register'])) {
61     // name = $_POST['name'];
62     // Email = $_POST['Email'];
63     // PhoneNumber = $_POST['PhoneNumber'];
64     // password = $_POST['password'];
65 }
66 }
67 }
68 }
69 }
70 }
71 }
72 }
73 }
74 }
75 }
76 }
77 }
78 }
79 }
80 }
81 }
82 }
83 }
84 }
85 }
86 }
87 }
88 }
89 }
90 }
91 }
92 }
93 }
94 }
95 }
96 }
97 }
98 }
99 }
100 }
```

Figure 3 html code 3

```
C:\xampp\htdocs\irene\nah\webpage.php - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

style.css x webpage.php x
55 $dbpassword = "",
56 $Dbname = "organization";
57
58 $connect = mysqli_connect($xampp, $Dbusername, $dbpassword, $Dbname);
59
60 if (isset($_POST['register'])) {
61     $name = $_POST['name'];
62     $Email = $_POST['Email'];
63     $PhoneNumber = $_POST['PhoneNumber'];
64     $password = $_POST['password'];
65
66     $query = "INSERT INTO tblregistration(fullname, email, number, password) VALUES ('$name', '$Email', '$PhoneNumber', '$password')";
67
68     $fetch = mysqli_query($connect, $query);
69     if ($fetch) {
70         echo "data inserted!!";
71     }
72     else {
73         echo "No data is inserted";
74     }
75 }
76 }
77 }
78 }
79 }
80 }
81 }
82 }
83 }
84 }
85 }
86 }
87 }
88 }
89 }
90 }
91 }
92 }
93 }
94 }
95 }
96 }
97 }
98 }
99 }
100 }
```

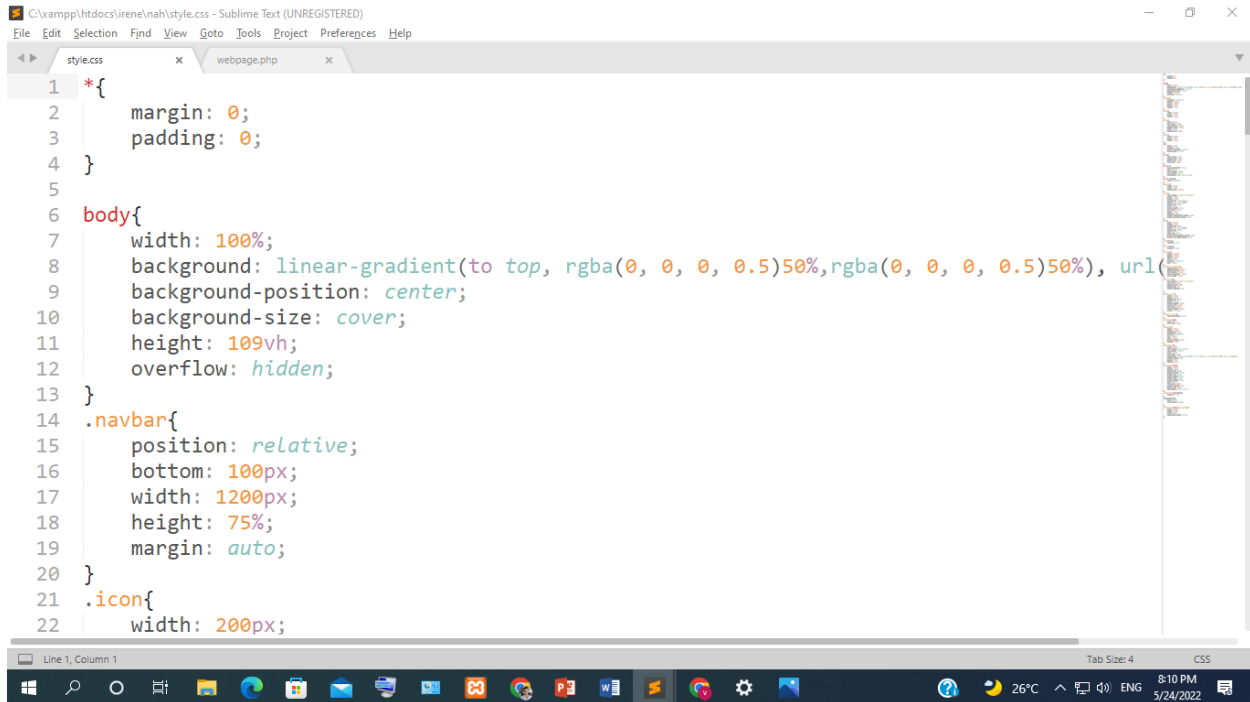
Figure 4 html code 4 php code

```
73 $connection = mysqli_connect($service, $user, $pass, $databasename);
74
75 if (isset($_POST['register'])) {
76     $fullname = $_POST['Firstname'];
77     $Lastname = $_POST['Lastname'];
78     $username = $_POST['username'];
79     $email = $_POST['email'];
80     $Password = $_POST['password'];
81     $sex = $_POST['sex'];
82
83     $query = "INSERT INTO customer(fullname, Lastname, username, email, Password,
84             sex) VALUES('$fullname', '$Lastname', '$username', '$email', '$Password', '$
85             sex')";
86
87     $results = mysqli_query($connection, $query);
88
89     if ($results) {
90         echo "$success";
91     }
92     else{
93         echo "$error";
94     }
95 }
```

Line 92, Column 1 Tab Size: 4 PHP

Figure 5 php code 2

THE FOLLOWING ARE THE CSS CODE FOR STYLING MY WEBPAGE



```
C:\xampp\htdocs\irene\mah\style.css - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help
style.css webpage.php
1 *{
2     margin: 0;
3     padding: 0;
4 }
5
6 body{
7     width: 100%;
8     background: linear-gradient(to top, rgba(0, 0, 0, 0.5)50%,rgba(0, 0, 0, 0.5)50%), url(
9     background-position: center;
10    background-size: cover;
11    height: 109vh;
12    overflow: hidden;
13 }
14 .navbar{
15     position: relative;
16     bottom: 100px;
17     width: 1200px;
18     height: 75%;
19     margin: auto;
20 }
21 .icon{
22     width: 200px;
```

Figure 6 css code 1

```
C:\xampp\htdocs\irene\mah\style.css - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

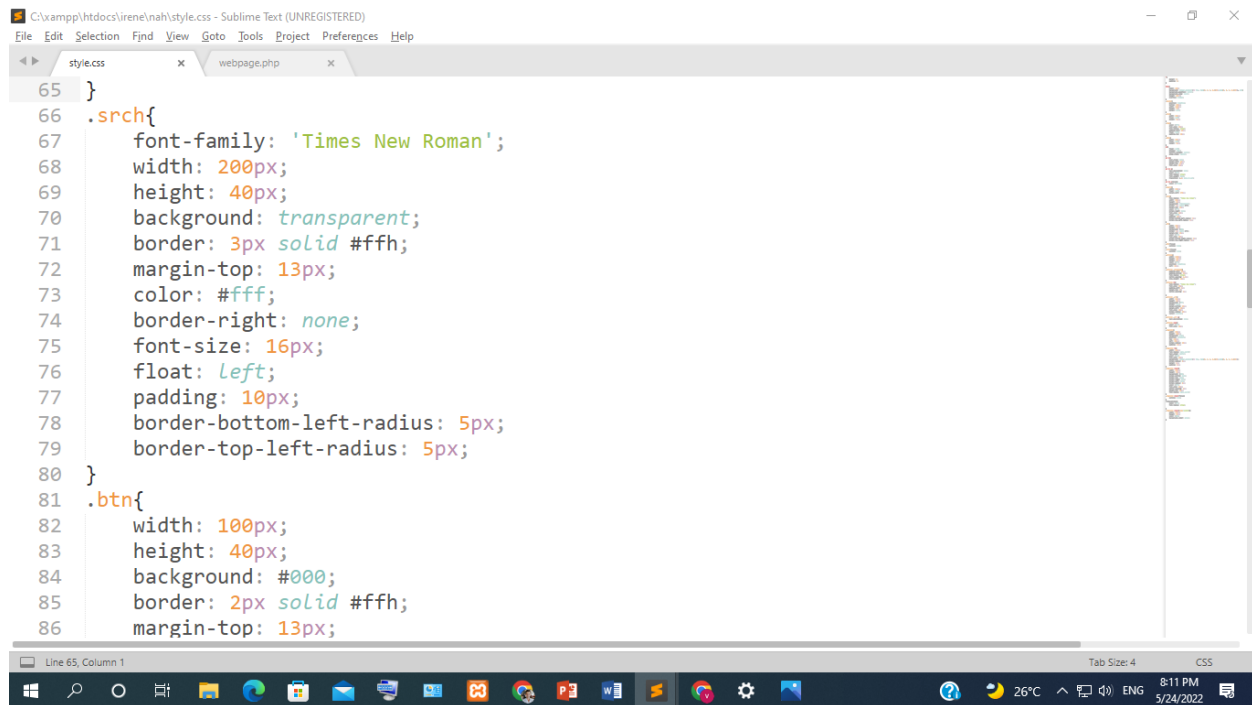
style.css webpage.php
22 width: 200px;
23 float: left;
24 height: 70px;
25 }
26 .logo{
27 color: #fff;
28 font-size: 35px;
29 font-family: Arial;
30 padding-left: 20px;
31 float: left;
32 padding-top: 10px;
33 }
34 .menu{
35 width: 400px;
36 float: left;
37 height: 70px;
38 }
39 ul{
40 float: left;
41 display: flex;
42 justify-content: center;
43 align-items: center;
```

Figure 7 css code 2

```
C:\xampp\htdocs\irene\mah\style.css - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

style.css webpage.php
44 }
45 ul li{
46 list-style: none;
47 margin-left: 62px;
48 margin-top: 27px;
49 font-size: 14px;
50 }
51 ul li a{
52 text-decoration: none;
53 color: #fff;
54 font-family: Arial;
55 font-weight: bold;
56 transition: 0.4s ease-in-out;
57 }
58 ul li a: hover{
59 color: #ff7200;
60 }
61 .search{
62 width: 330px;
63 float: left;
64 margin-left: 270px;
65 }
```

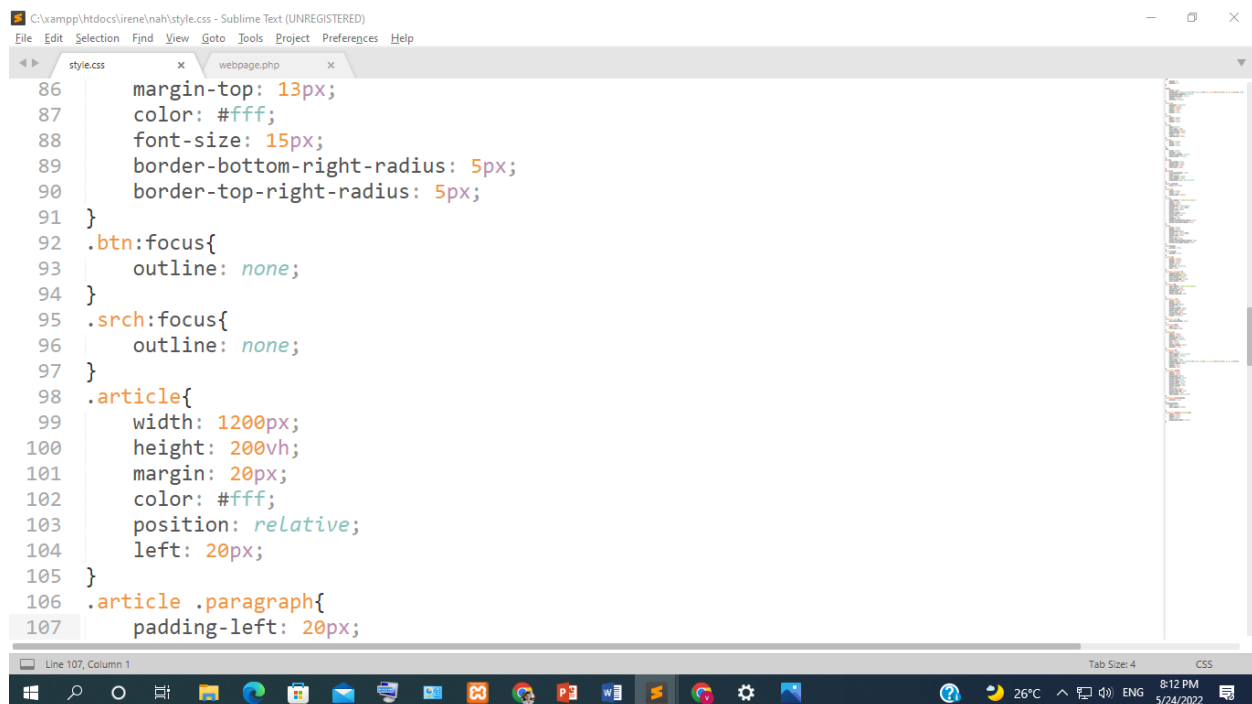
Figure 8 css code 3



The screenshot shows a Sublime Text editor window with two tabs: 'style.css' and 'webpage.php'. The 'style.css' tab is active, displaying CSS code for two classes: '.srch' and '.btn'. The '.srch' class (lines 66-80) is styled with a white font, a 3px solid black border, and a transparent background. The '.btn' class (lines 81-86) is styled with a black background, a 2px solid black border, and a white font. The Windows taskbar at the bottom shows the time as 8:11 PM on 5/24/2022.

```
65 }
66 .srch{
67     font-family: 'Times New Roman';
68     width: 200px;
69     height: 40px;
70     background: transparent;
71     border: 3px solid #ffh;
72     margin-top: 13px;
73     color: #fff;
74     border-right: none;
75     font-size: 16px;
76     float: left;
77     padding: 10px;
78     border-bottom-left-radius: 5px;
79     border-top-left-radius: 5px;
80 }
81 .btn{
82     width: 100px;
83     height: 40px;
84     background: #000;
85     border: 2px solid #ffh;
86     margin-top: 13px;
```

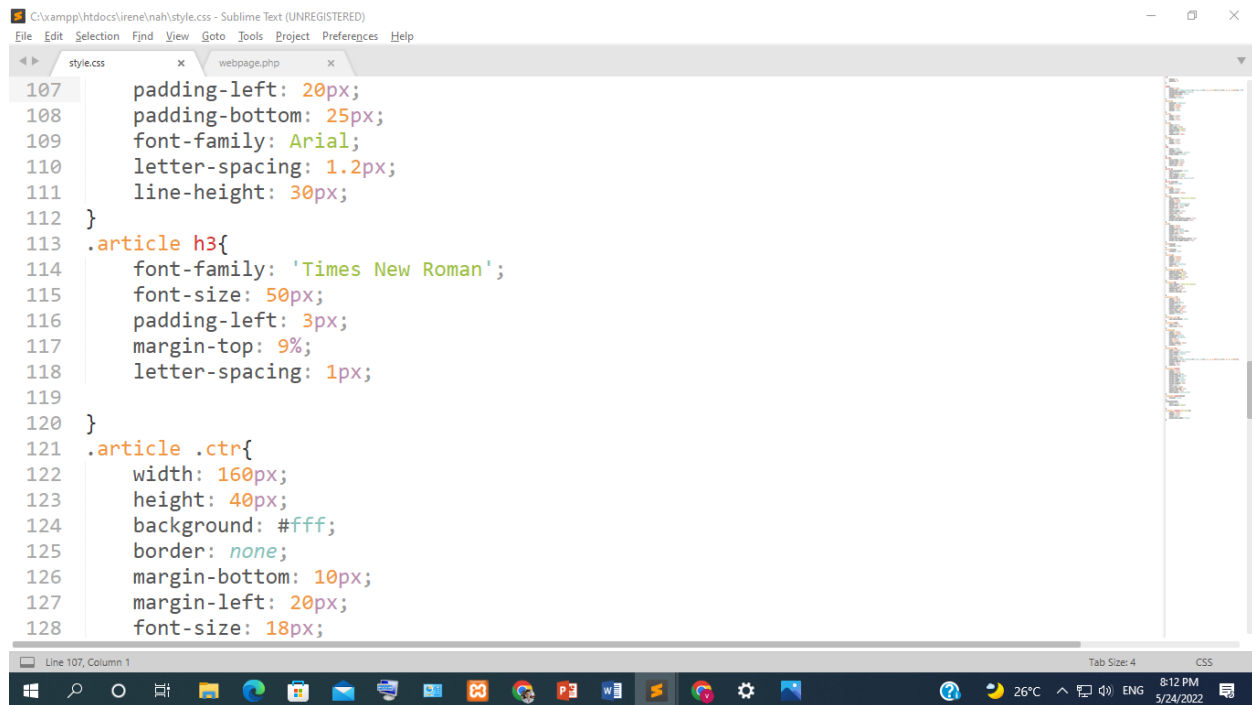
Figure 9 css code 4



The screenshot shows the same Sublime Text editor window, now displaying CSS code for the '.article' and '.article .paragraph' classes. The '.article' class (lines 98-105) is styled with a white font, a relative position, and a left margin of 20px. The '.article .paragraph' class (line 106) is styled with a left padding of 20px. The Windows taskbar at the bottom shows the time as 8:12 PM on 5/24/2022.

```
86     margin-top: 13px;
87     color: #fff;
88     font-size: 15px;
89     border-bottom-right-radius: 5px;
90     border-top-right-radius: 5px;
91 }
92 .btn:focus{
93     outline: none;
94 }
95 .srch:focus{
96     outline: none;
97 }
98 .article{
99     width: 1200px;
100     height: 200vh;
101     margin: 20px;
102     color: #fff;
103     position: relative;
104     left: 20px;
105 }
106 .article .paragraph{
107     padding-left: 20px;
```

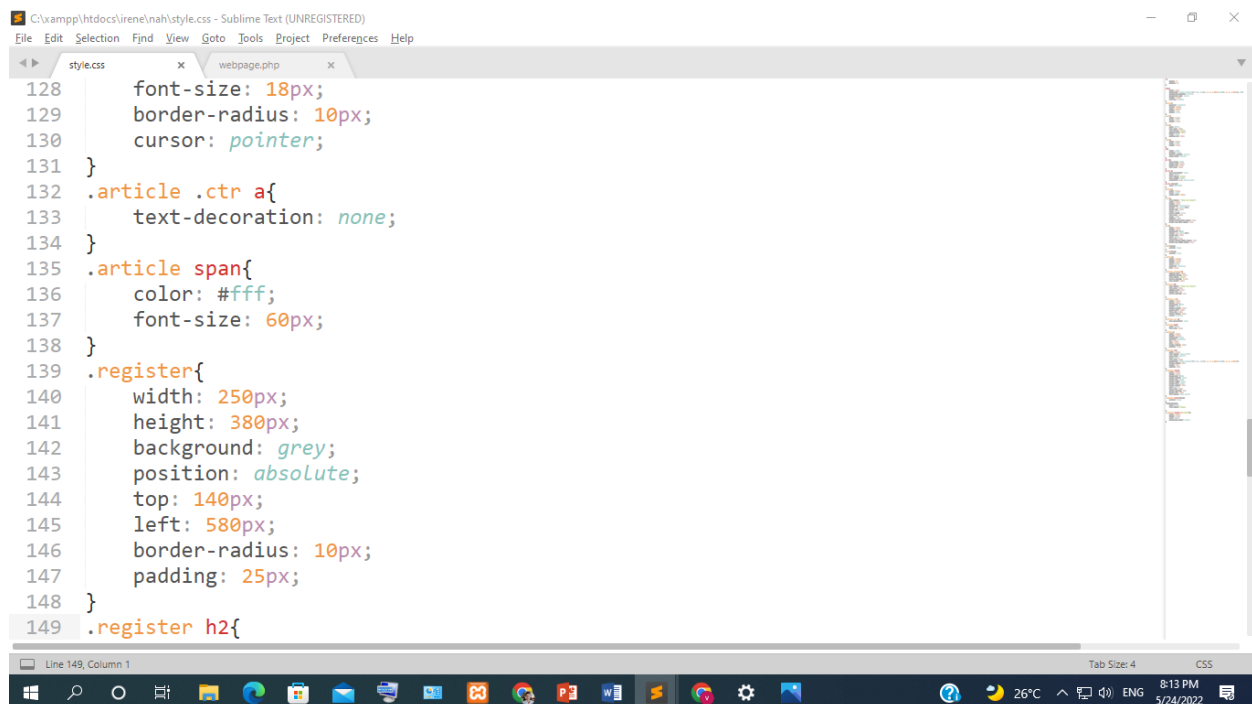
Figure 10 css code 5



A screenshot of the Sublime Text editor window. The title bar shows the file path 'C:\xampp\htdocs\irene\mah\style.css - Sublime Text (UNREGISTERED)'. The menu bar includes File, Edit, Selection, Find, View, Goto, Tools, Project, Preferences, and Help. The editor has two tabs: 'style.css' and 'webpage.php'. The 'style.css' tab is active, displaying CSS code from line 107 to 128. The code defines padding for an unnamed element, styles an article's h3, and styles an article's container (ctr). The Windows taskbar at the bottom shows various application icons, the system clock at 8:12 PM on 5/24/2022, and the temperature at 26°C.

```
107 padding-left: 20px;
108 padding-bottom: 25px;
109 font-family: Arial;
110 letter-spacing: 1.2px;
111 line-height: 30px;
112 }
113 .article h3{
114     font-family: 'Times New Roman';
115     font-size: 50px;
116     padding-left: 3px;
117     margin-top: 9%;
118     letter-spacing: 1px;
119 }
120 }
121 .article .ctr{
122     width: 160px;
123     height: 40px;
124     background: #fff;
125     border: none;
126     margin-bottom: 10px;
127     margin-left: 20px;
128     font-size: 18px;
```

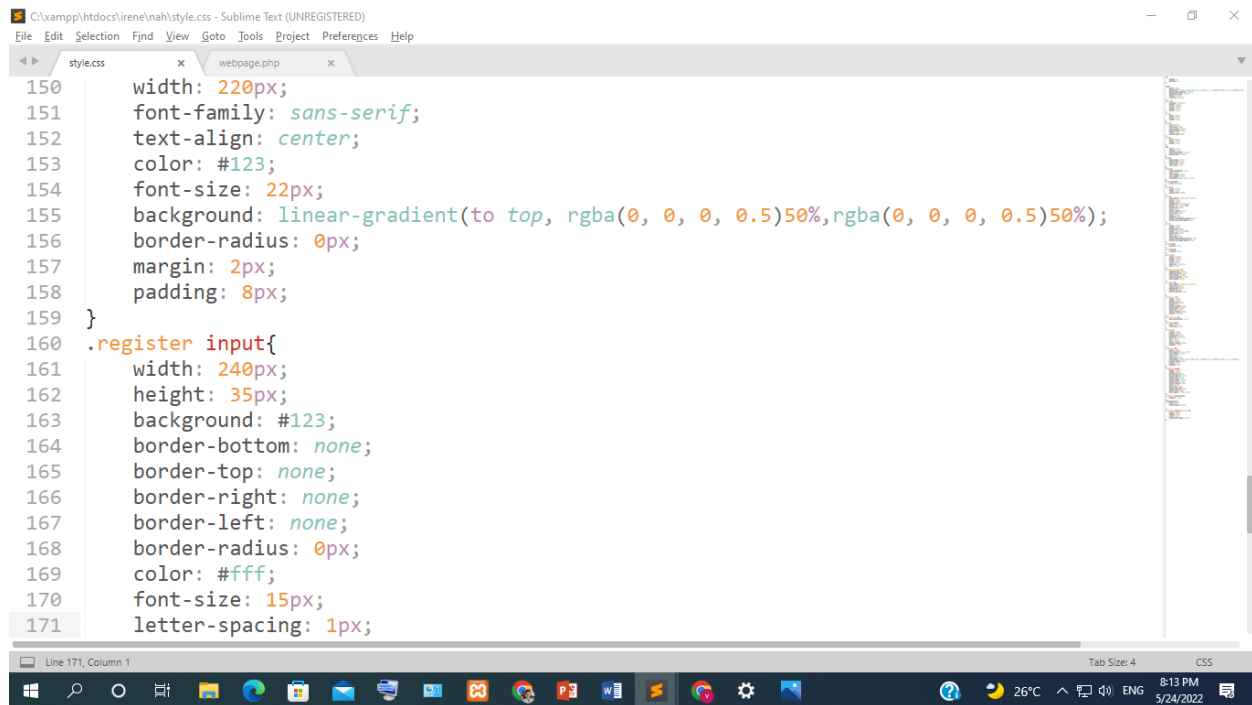
Figure 11 css code 6



A screenshot of the Sublime Text editor window, continuing from the previous one. The title bar and menu bar are the same. The 'style.css' tab is active, displaying CSS code from line 128 to 149. The code continues the styling for the container, adds styles for links and spans within the article, and defines the 'register' element with absolute positioning. The Windows taskbar at the bottom shows the system clock at 8:13 PM on 5/24/2022.

```
128     font-size: 18px;
129     border-radius: 10px;
130     cursor: pointer;
131 }
132 .article .ctr a{
133     text-decoration: none;
134 }
135 .article span{
136     color: #fff;
137     font-size: 60px;
138 }
139 .register{
140     width: 250px;
141     height: 380px;
142     background: grey;
143     position: absolute;
144     top: 140px;
145     left: 580px;
146     border-radius: 10px;
147     padding: 25px;
148 }
149 .register h2{
```

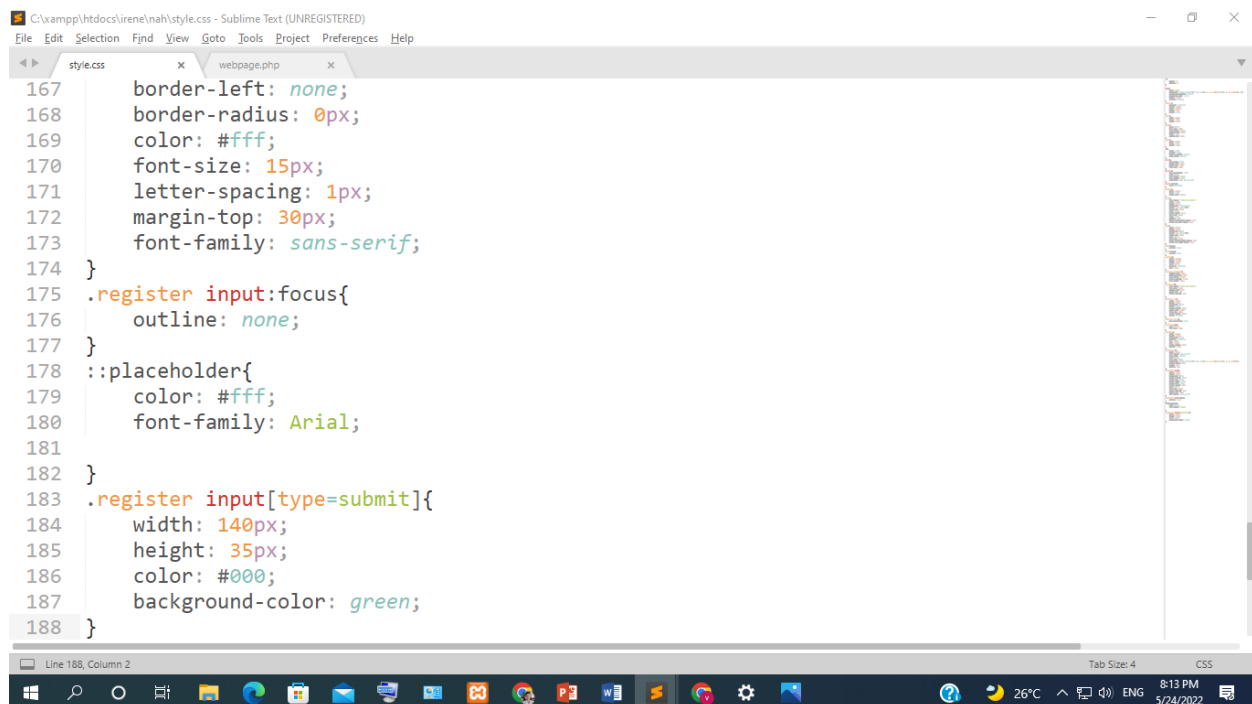
Figure 12 css code 7



The screenshot shows the Sublime Text editor with two tabs: 'style.css' and 'webpage.php'. The 'style.css' tab is active, displaying CSS code from line 150 to 171. The code defines styles for a register input field, including width, font-family, text-align, color, font-size, background (with a linear gradient), border-radius, margin, and padding. A specific selector '.register input' is defined with its own set of styles, including width, height, background, border properties, color, font-size, and letter-spacing. The Windows taskbar at the bottom shows the system clock as 8:13 PM on 5/24/2022.

```
150 width: 220px;
151 font-family: sans-serif;
152 text-align: center;
153 color: #123;
154 font-size: 22px;
155 background: linear-gradient(to top, rgba(0, 0, 0, 0.5)50%, rgba(0, 0, 0, 0.5)50%);
156 border-radius: 0px;
157 margin: 2px;
158 padding: 8px;
159 }
160 .register input{
161 width: 240px;
162 height: 35px;
163 background: #123;
164 border-bottom: none;
165 border-top: none;
166 border-right: none;
167 border-left: none;
168 border-radius: 0px;
169 color: #fff;
170 font-size: 15px;
171 letter-spacing: 1px;
```

Figure 13 css code 8

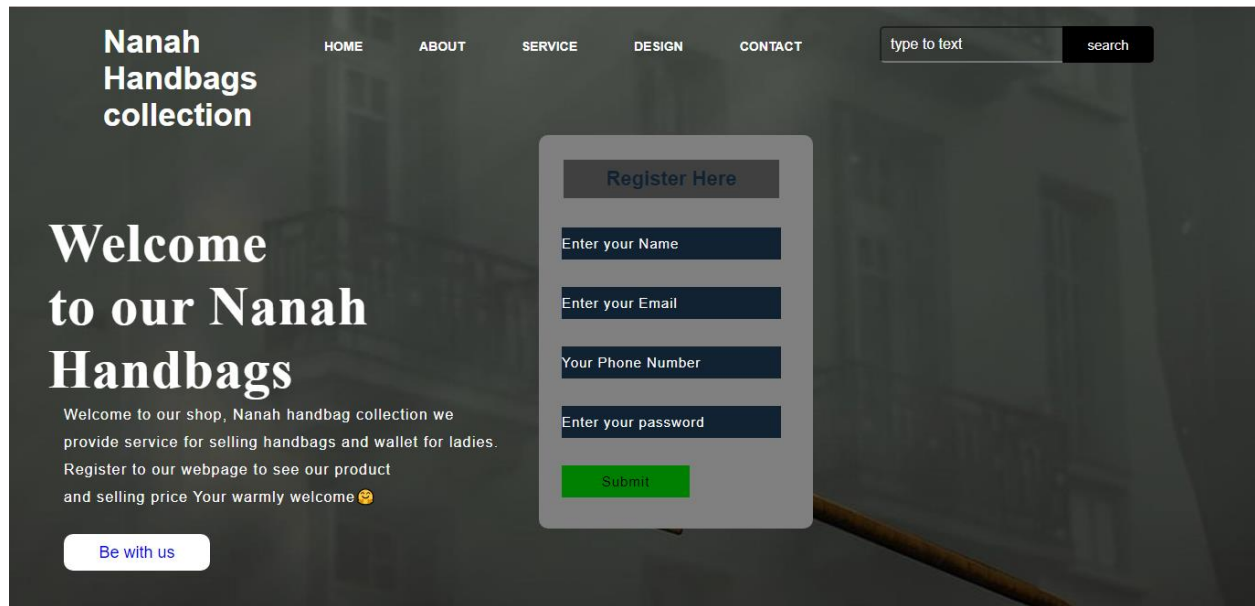


The screenshot shows the Sublime Text editor with the 'style.css' tab active, displaying CSS code from line 167 to 188. The code continues the styling for the register input field, including border-left, border-radius, color, font-size, letter-spacing, and margin-top. It also includes a focus state for the register input, setting the outline to none. A placeholder style is defined for the register input, setting the color to #fff and the font-family to Arial. Finally, a submit button style is defined for the register input, setting the width, height, color, and background-color to green. The Windows taskbar at the bottom shows the system clock as 8:13 PM on 5/24/2022.

```
167 border-left: none;
168 border-radius: 0px;
169 color: #fff;
170 font-size: 15px;
171 letter-spacing: 1px;
172 margin-top: 30px;
173 font-family: sans-serif;
174 }
175 .register input:focus{
176 outline: none;
177 }
178 ::placeholder{
179 color: #fff;
180 font-family: Arial;
181 }
182 }
183 .register input[type=submit]{
184 width: 140px;
185 height: 35px;
186 color: #000;
187 background-color: green;
188 }
```

Figure 14 css code 9

DISPLAYING USER INTERFACE



The image shows a frontend webpage for 'Nanah Handbags collection'. The page has a dark background with a faint image of a building. At the top, there is a navigation bar with links: HOME, ABOUT, SERVICE, DESIGN, and CONTACT. On the right side of the navigation bar, there is a search bar with the placeholder text 'type to text' and a 'search' button. The main content area on the left features the text 'Welcome to our Nanah Handbags' in a large, bold, white font. Below this, there is a paragraph of text: 'Welcome to our shop, Nanah handbag collection we provide service for selling handbags and wallet for ladies. Register to our webpage to see our product and selling price Your warmly welcome 😊'. At the bottom of this section, there is a button labeled 'Be with us'. On the right side of the main content area, there is a 'Register Here' form. The form has a title 'Register Here' and four input fields: 'Enter your Name', 'Enter your Email', 'Your Phone Number', and 'Enter your password'. Below these fields is a green 'Submit' button.

Nanah Handbags collection

HOME ABOUT SERVICE DESIGN CONTACT

type to text search

Welcome to our Nanah Handbags

Welcome to our shop, Nanah handbag collection we provide service for selling handbags and wallet for ladies. Register to our webpage to see our product and selling price Your warmly welcome 😊

Be with us

Register Here

Enter your Name

Enter your Email

Your Phone Number

Enter your password

Submit

Figure 15 frontend webpage

User feedback which shows that data are inserted on a database

USER FEEDBACK

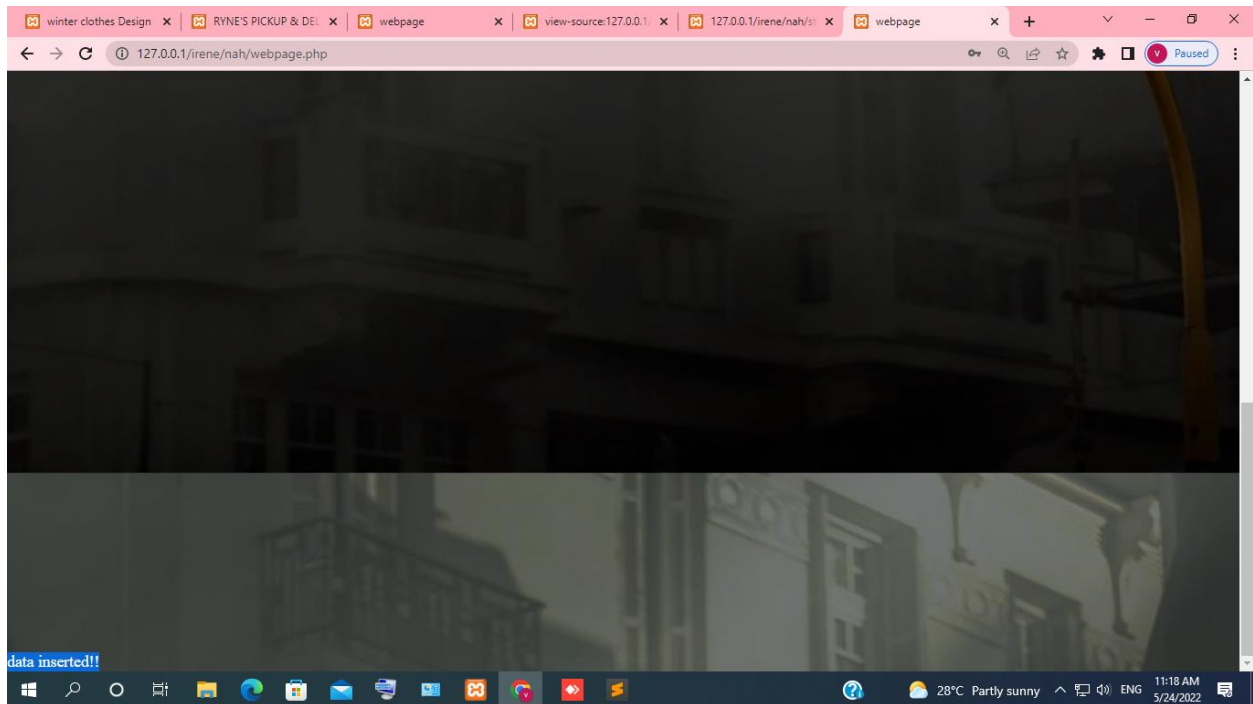


Figure 16 user feedback

DATABASE CREATION

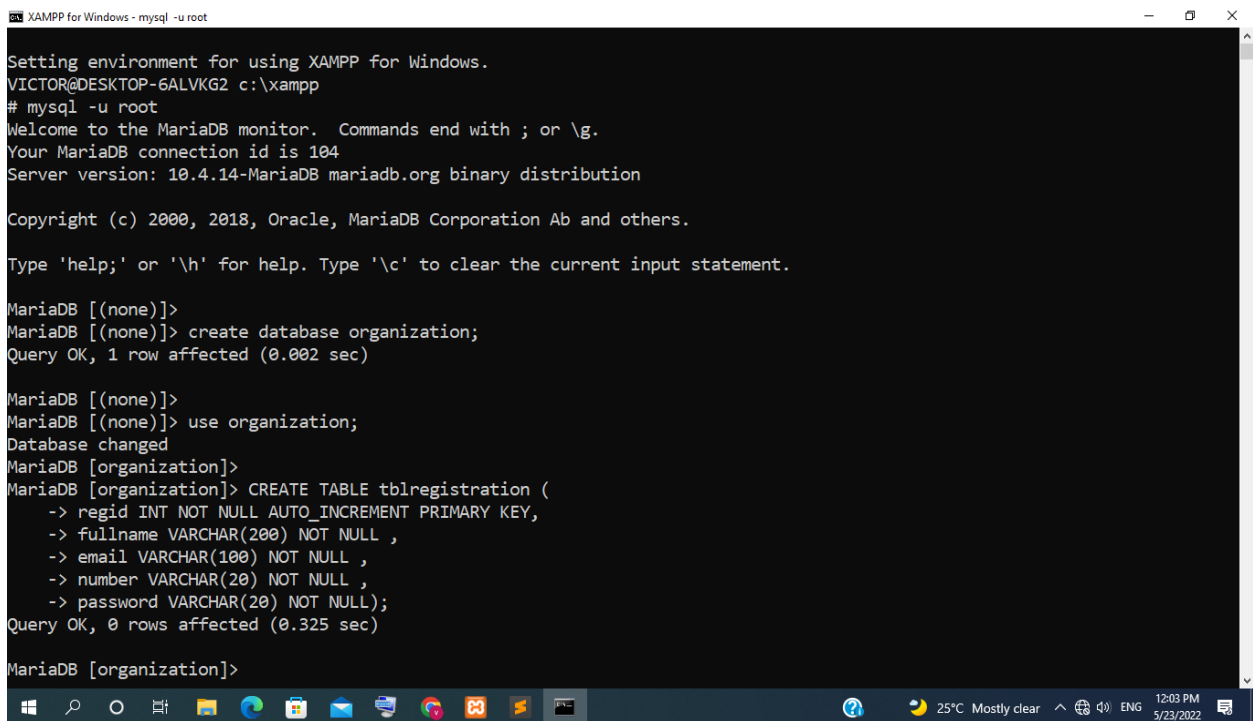


Figure 17 creation of database

TABLE CREATION WITH NO DATA

```
XAMPP for Windows - mysql -u root
-> regid INT NOT NULL AUTO_INCREMENT PRIMARY KEY,
-> fullname VARCHAR(200) NOT NULL ,
-> email VARCHAR(100) NOT NULL ,
-> number VARCHAR(20) NOT NULL ,
-> password VARCHAR(20) NOT NULL);
Query OK, 0 rows affected (0.325 sec)

MariaDB [organization]>
MariaDB [organization]> desc tblregistration;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| regid | int(11) | NO | PRI | NULL | auto_increment |
| fullname | varchar(200) | NO | | NULL | |
| email | varchar(100) | NO | | NULL | |
| number | varchar(20) | NO | | NULL | |
| password | varchar(20) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.020 sec)

MariaDB [organization]>
MariaDB [organization]> SELECT * FROM tblregistration;
Empty set (0.000 sec)

MariaDB [organization]>
```

Figure 18table creation

TABLE WITH DATA INSIDE

```
XAMPP for Windows - mysql -u root
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| regid | int(11) | NO | PRI | NULL | auto_increment |
| fullname | varchar(200) | NO | | NULL | |
| email | varchar(100) | NO | | NULL | |
| number | varchar(20) | NO | | NULL | |
| password | varchar(20) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.020 sec)

MariaDB [organization]>
MariaDB [organization]> SELECT * FROM tblregistration;
Empty set (0.000 sec)

MariaDB [organization]> SELECT * FROM tblregistration;
+-----+-----+-----+-----+-----+
| regid | fullname | email | number | password |
+-----+-----+-----+-----+-----+
| 1 | bob | test@demo.com | 0712340998 | 19112000 |
| 2 | vicent msomi | vicentmsomi@gmail.com | 0789898990 | 1098732 |
| 3 | kulwa deus | deus@gmail.com | 0789123421 | 90890oko |
| 4 | john michael | johnmichael@gmail.com | 0989878008 | mbvcxzAsdfghjk |
| 5 | liston mashoto | liston@gmail.com | 0789231243 | lkjhgfdsa |
| 6 | sophia fred | sophia@gmail.com | 0789120900 | 1234 |
+-----+-----+-----+-----+-----+
6 rows in set (0.000 sec)

MariaDB [organization]>
```

Figure 19data are inserted

