************************(************************

Experiment - 10

Write a program to perform basic SQL operation.

Aim :→

Theory :→

SQL is a standard language for storing, manipulating & retrieving data in databases.

What is SQL?

→ SQL stands for Structured Query Language.

→ SQL lets you access and manipulating databases.

→ SQL became a standard of the American National standards Institue (ANSI) in 1986, & the Internation organization for standardization (ISO) in 1987.

What can SQL do?

→ SQL can execute queries against a database.

→ SQL can retrieve data from a database.

→ SQL can insert records in a database.

→ SQL can update records in a database.

→ SQL can delete records from a database.

→ SQL can delete create new databases.

→ SQL can create new tables in a database.

→ SQL can create stored procedures in a database.

→ SQL can crate views in a database.

→ SQL can set permissions on tables, procedures & views.

Using SQL in your Website.

To build a website that shows data from a database, you will need :-

→ An RDBMS database program (i.e MS Access, SQL server, MySQL)

→ To use a server-side scripting language, like PHP or ASP.

→ To use SQL to get the data you want.

→ To use HTML / CSS to style the page.

RDBMS

RDBMS stands for Relational Database Management System.
RDBMS is the basis for SQL, and for all modern database
systems such as MS SQL server, IBM DB2, Oracle, MySQL &
Microsoft Access.
The data in RDBMS is stored in database objects called tables.
A table is collection of related data entries & it consists of
columns & rows.

Create a modal login form

```
<!-- Button to open the model login form --->
<button on click = " document get element ById ('idol')
style. display = <' block'> login </button>

<!-- the modal -->
```

Basic SQL operation.
practical 10.

```html
<!DOCTYPE html>
<html>
<style>
body {font-family: Arial, Helvetica, sans-serif;}
* {box-sizing: border-box;}

/* Full-width input fields */
input[type=text], input[type=password] {
  width: 100%;
  padding: 15px;
  margin: 5px 0 22px 0;
  display: inline-block;
  border: none;
  background: #f1f1f1;
}

/* Add a background color when the inputs get focus */
input[type=text]:focus, input[type=password]:focus {
  background-color: #ddd;
  outline: none;
}

/* Set a style for all buttons */
button {
  background-color: #04AA6D;
  color: white;
  padding: 14px 20px;
  margin: 8px 0;
  border: none;
  cursor: pointer;
```

```css
  margin: 8px 0;
  border: none;
  cursor: pointer;
  width: 100%;
  opacity: 0.9;
}

button:hover {
  opacity:1;
}

/* Extra styles for the cancel button */
.cancelbtn {
  padding: 14px 20px;
  background-color: #f44336;
}

/* Float cancel and signup buttons and add an equal width */
.cancelbtn, .signupbtn {
  float: left;
  width: 50%;
}

/* Add padding to container elements */
.container {
  padding: 16px;
}

/* The Modal (background) */
.modal {
  display: none; /* Hidden by default */
  position: fixed; /* Stay in place */
  z-index: 1; /* Sit on top */
```

```css
  display: none; /* Hidden by default */
  position: fixed; /* Stay in place */
  z-index: 1; /* Sit on top */
  left: 0;
  top: 0;
  width: 100%; /* Full width */
  height: 100%; /* Full height */
  overflow: auto; /* Enable scroll if needed */
  background-color: #474e5d;
  padding-top: 50px;
}

/* Modal Content/Box */
.modal-content {
  background-color: #fefefe;
  margin: 5% auto 15% auto; /* 5% from the top, 15% from the bottom and centered */
  border: 1px solid #888;
  width: 80%; /* Could be more or less, depending on screen size */
}

/* Style the horizontal ruler */
hr {
  border: 1px solid #f1f1f1;
  margin-bottom: 25px;
}

/* The Close Button (x) */
.close {
  position: absolute;
  right: 35px;
  top: 15px;
  font-size: 40px;
  font-weight: bold;
```

```css
.close {
  position: absolute;
  right: 35px;
  top: 15px;
  font-size: 40px;
  font-weight: bold;
  color: #f1f1f1;
}

.close:hover,
.close:focus {
  color: #f44336;
  cursor: pointer;
}

/* Clear floats */
.clearfix::after {
  content: "";
  clear: both;
  display: table;
}

/* Change styles for cancel button and signup button on extra small screens */
@media screen and (max-width: 300px) {
  .cancelbtn, .signupbtn {
    width: 100%;
  }
}
</style>
<body>

<h2>Modal Signup Form</h2>
```

```html
<h2>Modal Signup Form</h2>

<button onclick="document.getElementById('id01').style.display='block'" style="width:auto;">Sign Up</button>

<div id="id01" class="modal">
  <span onclick="document.getElementById('id01').style.display='none'" class="close" title="Close Modal">&times;</span>
  <form class="modal-content" action="/action_page.php">
    <div class="container">
      <h1>Sign Up</h1>
      <p>Please fill in this form to create an account.</p>
      <hr>
      <label for="email"><b>Email</b></label>
      <input type="text" placeholder="Enter Email" name="email" required>

      <label for="psw"><b>Password</b></label>
      <input type="password" placeholder="Enter Password" name="psw" required>

      <label for="psw-repeat"><b>Repeat Password</b></label>
      <input type="password" placeholder="Repeat Password" name="psw-repeat" required>

      <label>
        <input type="checkbox" checked="checked" name="remember" style="margin-bottom:15px"> Remember me
      </label>

      <p>By creating an account you agree to our <a href="#" style="color:dodgerblue">Terms & Privacy</a>.</p>

      <div class="clearfix">
        <button type="button" onclick="document.getElementById('id01').style.display='none'" class="cancelbtn">Cancel</button>
        <button type="submit" class="signupbtn">Sign Up</button>
      </div>
    </div>
  </form>
```
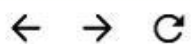
```html
        <label for="psw-repeat"><b>Repeat Password</b></label>
        <input type="password" placeholder="Repeat Password" name="psw-repeat" required>

        <label>
          <input type="checkbox" checked="checked" name="remember" style="margin-bottom:15px"> Remember me
        </label>

        <p>By creating an account you agree to our <a href="#" style="color:dodgerblue">Terms & Privacy</a>.</p>

        <div class="clearfix">
          <button type="button" onclick="document.getElementById('id01').style.display='none'" class="cancelbtn">Cancel</button>
          <button type="submit" class="signupbtn">Sign Up</button>
        </div>
      </div>
    </form>
</div>

<script>
// Get the modal
var modal = document.getElementById('id01');

// When the user clicks anywhere outside of the modal, close it
window.onclick = function(event) {
  if (event.target == modal) {
    modal.style.display = "none";
  }
}
</script>

</body>
</html>
```

← → C ⓘ localhost/Cpr7/Dpr10/

Index of /Cpr7/Dpr10

Name	Last modified	Size	Description
Parent Directory		-	
basic pro.html	2022-01-21 23:54	3.9K	
sqlpro.php	2022-01-22 00:03	439	

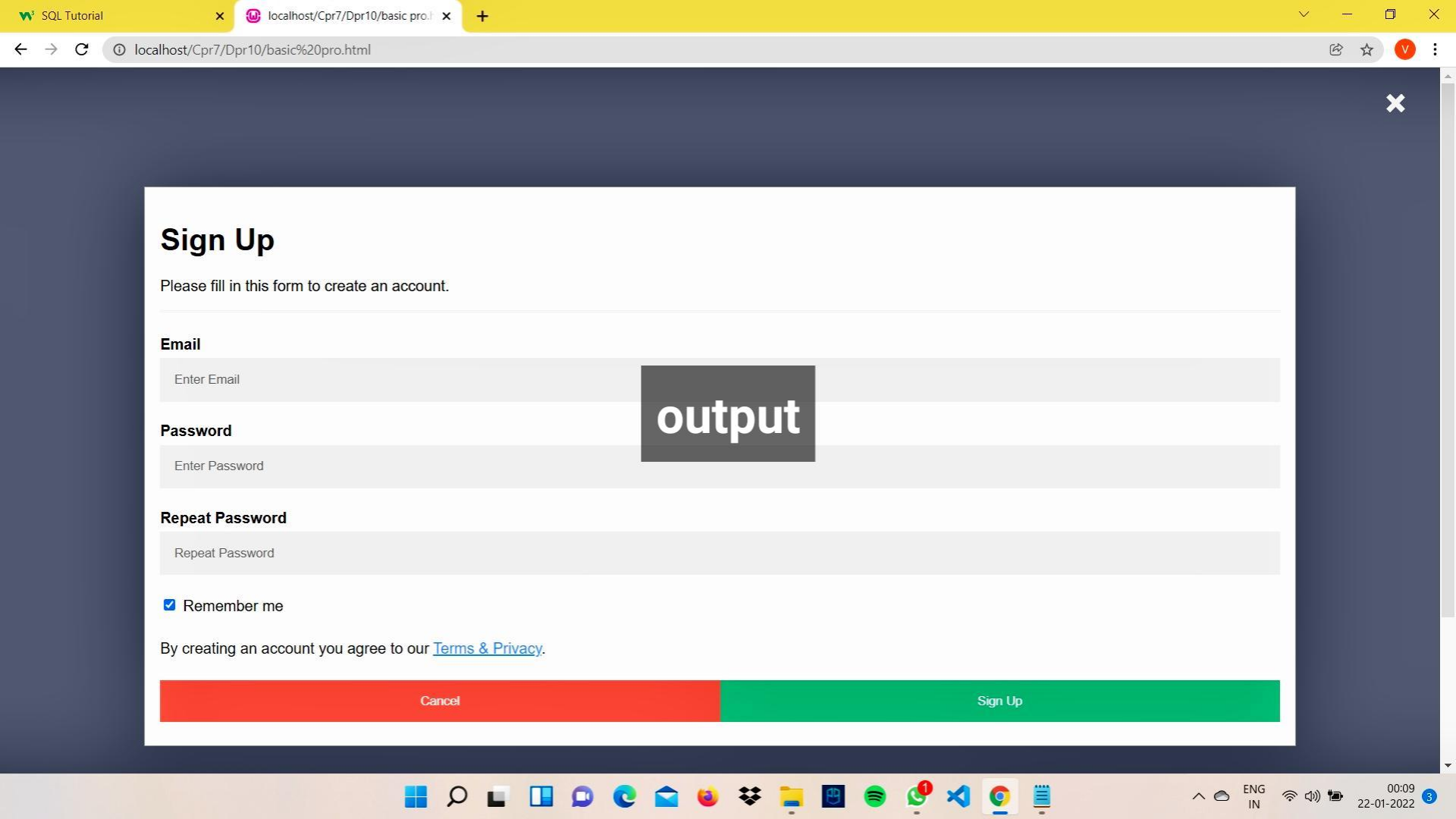*Apache/2.4.51 (Win64) PHP/7.4.26 Server at localhost Port 80*

Modal Signup Form

Sign Up

click signup

Sign Up

Please fill in this form to create an account.

Email

Enter Email

output

Password

Enter Password

Repeat Password

Repeat Password

☑ Remember me

By creating an account you agree to our Terms & Privacy.

Cancel

Sign Up