**<https://www.tutorialspoint.com/html5/html5_web_sql.htm>**

What is **Web SQL**?

**Web SQL** Database is a web page used for storing or managing the data in the database.

The Web SQL API is not a part of the HTML5 specification, but is a separate specification.

It addresses a set of APIs to manipulate the client-side database.

There are three methods -**Open databases, transactions,** are the basic methods to **execute**.

Apex Software use this code: **Global Page (0 page)**. and another application use your index page.

**Using Code:**

<style>

.columning {

  float: left;

  width: 15%;

  height: 80px;

  padding: 10px;

}

.rowing {margin: 5px;}

.rowing:after {

  content: "";

  display: table;

  clear: both;

}

@media screen and (max-width: 700px) {

  .columning {

    width: 100%;

    display: block;

    margin-bottom: 20px;

  }

}

.card {

  vertical-align: middle;

  padding: 15px;

  text-align: center;

  background-color: #daeefb;

  border-radius:8px;

}

.header {

  color: #000000;

  padding: 5px;

  font-size: 15px;

  font-weight: bold;

  border-bottom: 1px dotted #1176BD;

}

.card:hover {

    animation: shake .9s;

    animation-iteration-count: infinite;

}

@keyframes shake {

  0% { transform: translate(1px, 1px) rotate(0deg); }

  10% { transform: translate(-1px, -2px) rotate(-1deg); }

  20% { transform: translate(-3px, 0px) rotate(1deg); }

  30% { transform: translate(3px, 2px) rotate(0deg); }

  40% { transform: translate(1px, -1px) rotate(1deg); }

  50% { transform: translate(-1px, 2px) rotate(-1deg); }

  60% { transform: translate(-3px, 1px) rotate(0deg); }

  70% { transform: translate(3px, 1px) rotate(-1deg); }

  80% { transform: translate(-1px, -1px) rotate(1deg); }

  90% { transform: translate(1px, 2px) rotate(0deg); }

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}

</style>

<script src="<https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js>"></script>

<script type = "text/javascript">

   var db = openDatabase('bookmarksdb', '1.0', 'Test DB', 2 \* 1024 \* 1024);

   var msg;

   db.transaction(function (tx) {

   let url = '<http://10.11.201.170:1989/midas/f?p=>' + &APP\_ID. + ':' + &APP\_PAGE\_ID.; //your URL use

   let pagealias = document.title;

   let pagename = pagealias.toString();

   let appliid = &APP\_ID.;

   let appid = appliid.toString();

   let pagesid = &APP\_PAGE\_ID.;

   let pageid = pagesid.toString();

   let d = new Date();

   let localdate = d.toLocaleDateString();

      tx.executeSql('CREATE TABLE IF NOT EXISTS bookmarks ( appId, pageId, pageName, Url, date)');

      if(pageid > 1) {

      tx.executeSql(("INSERT INTO bookmarks ( appId, pageId, pageName, Url, date) VALUES (?, ?, ?, ?, ?);"),[appid, pageid, pagename, url, localdate]);

      }

      msg = '<div class="header">Quick Lists</div>';

      document.querySelector('#status').innerHTML =  msg;

   })

   db.transaction(function (tx) {

      let appId = document.getElementById("pFlowId").value;

       let de = new Date();

      let locallydate = de.toLocaleDateString();

      tx.executeSql('SELECT COUNT(pageId), pageName, Url FROM bookmarks WHERE appId=? and date=? group by pageName, Url HAVING COUNT(pageId)>=5 ', [appId, locallydate], function (tx, results) {

          var len = results.rows.length, i;

         for (i = 0; i < len; i++) {

            msg = "<div class='rowing columning card'><a href=" + results.rows.item(i).Url + ":" + &APP\_SESSION. + "::::: title='Click Me !'><p style='font-size:12px; font-weight:bold;'>" +  results.rows.item(i).pageName + "</p></a></div>";

            document.querySelector('#status').innerHTML +=  msg;

         }

      }, null);

   });

</script>

<div id = "status" name = "status">Status Message</div>

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