

Index.html

```
<html>
  <head>
    <style>
    </style>
    <script>
      function start(){
        document.getElementById('SearchResults').innerHTML = "";
        var name = document.getElementById("Query").value;
        var url = "data.jsp?val="+name;
        var obj = new XMLHttpRequest();
        obj.onreadystatechange = function(){
          if(obj.readyState == 4){
            var val = obj.responseText;
            document.getElementById('QuickSearch').innerHTML = val;
          }
        }
        obj.open("GET",url, true);
        obj.send();
      }
      function search(){
        var name = document.getElementById("Query").value;
        var url = "search.jsp?val="+name;
        var obj = new XMLHttpRequest();
        obj.onreadystatechange = function(){
          if(obj.readyState == 4){
            var val = obj.responseText;
            document.getElementById('SearchResults').innerHTML = val;
          }
        }
        obj.open("GET",url, true);
        obj.send();
      }
      function complete(element)
      {
        document.getElementById("Query").value = element;
        document.getElementById("QuickSearch").innerHTML = "";
      }
    </script>
  </head>
  <body>
    <h1>
      <div>
        SEARCH: <input type = "text" id = "Query" onkeyup = "start()" />
        <input type = "submit" id = "button1" onclick = "search()" value = "Go!" />
      </div>
    </h1>
    <div id = "QuickSearch"> </div>
    <div style = "margin-top:2cm;" id = "SearchResults"> </div>
  </body>
</html>
```

Data.jsp

```
<%@ page import="java.util.*,java.io.*,java.sql.*"%>
<%@ page import="javax.servlet.*,javax.servlet.http.*"%>
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix = "c" %>
<%@ taglib uri="http://java.sun.com/jsp/jstl/sql" prefix = "sql" %>
```

```

<html>
  <body>
    <sql:setDataSource var="DS" driver="com.mysql.jdbc.Driver"
url="jdbc:mysql://localhost:3306/TEST" user="root" password="password"/>
    <sql:query dataSource="${DS}" var="Correct">
      SELECT * from menu where results like "${param.val}";
    </sql:query>
    <c:choose>
      <c:when test="${Correct.rowCount}>=1">
        <c:forEach var = "rows" items="${Correct.rows}">
          <p style = "cursor:pointer" onclick = "complete('${rows.results}')"><c:out
value = "${rows.results}" /></p>
        </c:forEach>
      </c:when>

      <c:otherwise>
        <c:out value = "No results found" />
      </c:otherwise>
    </c:choose>
  </body>
</html>

```

Search.jsp

```

<%@ page import="java.util.*,java.io.*,java.sql.*"%>
<%@ page import="javax.servlet.*,javax.servlet.http.*"%>
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix = "c" %>
<%@ taglib uri="http://java.sun.com/jsp/jstl/sql" prefix = "sql" %>
<html>
  <body>
    <sql:setDataSource var="DS" driver="com.mysql.jdbc.Driver"
url="jdbc:mysql://localhost:3306/TEST" user="root" password="password"/>
    <sql:query dataSource="${DS}" var="Correct">
      SELECT * from menu where results = "${param.val}";
    </sql:query>
    <c:choose>
      <c:when test="${Correct.rowCount}>=1">
        <c:forEach var = "rows" items="${Correct.rows}">
          <div>
            <p style =
"color:gold;font-size:25px;font-family:monospace;font-weight:bold;"><c:out value = "${rows.descr}"
/></p>
            <img style = "width:100px;height:100px;float:left" src = '${rows.imgLink}' alt
= '${rows.results}' />
          </div>
        </c:forEach>
      </c:when>

      <c:otherwise>
        <c:out value = "No results found" />
      </c:otherwise>
    </c:choose>
  </body>
</html>

```

