

Code Examples

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The screenshot displays a web application interface for a 'Senior Call Tracking Database'. On the left is a navigation menu with links like 'Senior Call Tracking Database', 'Welcome, Acting Senior', 'Logout', 'Enter New Call Search Database', and 'Technical Information'. The main content area is titled 'Record Search' and includes a search criteria form with dropdowns for Name, Issue, Date, Senior, and Manager. Below the form is a 'Convert to Excel Document' button and a table of search results. The table has columns for 'Ext', 'Entry Date', and 'Manager'. A code window on the right shows ASP/VBScript code for handling the search results, including a loop that iterates through the table and writes the selected value to the response.

Ext	Entry Date	Manager
5090	5/28/2003 9:24:19 PM	ABIGAIL MOORE
5285	5/28/2003 4:58:07 PM	ABIGAIL MOORE
5004	5/28/2003 3:56:30 PM	GREG PATTISON
5022	5/28/2003 10:43:45 AM	MICHAEL MACDONALD
5106	5/28/2003 11:08:25 AM	MARY BONNER
5106	5/28/2003 10:50:51 AM	MARY BONNER
5049	5/28/2003 3:41:15 PM	PETER KORNBLOUM
5127	5/28/2003 12:39:28 PM	BILL RICHARDSON
5127	5/28/2003 12:25:45 PM	BILL RICHARDSON

```

If cur(QueryString) = objRS2("EntryID") Then
    Response.write "<OPTION SELECTED VALUE=" & RecordSearch.asp?QueryStringID=" & QueryStringID & "&IssTable=" & QstringIssTable & "&Comments=" & QstringComments & "&Issue=" & QstringIssue & "&Manager=" & QstringManager & "&Ext=" & QstringExt & "&EntryDate=" & QstringEntryDate & ">"
Else
    Response.write "<OPTION VALUE=" & RecordSearch.asp?QueryStringID=" & QueryStringID & "&IssTable=" & QstringIssTable & "&Comments=" & QstringComments & "&Issue=" & QstringIssue & "&Manager=" & QstringManager & "&Ext=" & QstringExt & "&EntryDate=" & QstringEntryDate & ">"
End if
objRS2.MoveNext
  
```

VARIOUS FUNCTIONS
PRINT FUNCTION**ACTION:**

Print button focus on frame ("main")

CODE:

```
<input type="button" value="Print"
onclick="javascript:window.parent.main.focus();window.print();">
```

HISTORY.GO FUNCTION**ACTION:**

Back Link that will take user to previous page.

CODE:

```
<a href = "javascript: history.go ( -1 );">Back</a>
```

JUMP MENU FUNCTION**ACTION:**

Drop down box will submit value to a query string when option is selected.

CODE:

```
<script language="JavaScript" type="text/JavaScript">
  <!--
    function MM_jumpMenu(targ,selObj,restore){ //v3.0
      eval(targ+".location='"+selObj.options[selObj.selectedIndex].value+"'");
      if (restore) selObj.selectedIndex=0;
    }
  //-->
</script>

<select size="1" name="agentname" onchange="MM_jumpMenu('parent.frames[\'main\']',this,0)">
<%
[Open Database connection objRS]

While NOT objRS.EOF
If cint(QueryStringID)= objRS("EmpID") Then
Response.write "<OPTION SELECTED VALUE=RecordSearch.asp?QStringID="&objRS("EmpID")& "</OPTION>"
Else
Response.write "<OPTION VALUE=RecordSearch.asp?QStringID=" & objRS("EmpID")& "</OPTION>"
End if
objRS.MoveNext

Wend
objRS.close
Set objRS = nothing
%>

</select>
```

FUNCTION SWAP <DIV>**LOGIC:**

```

1 Open Script: Set language = JavaScript
2 Set Function Name = toggle2()
3 IF frmEntry1 is visible THEN
4   Make frmEntry1 invisible
5   Make frmEntry2 visible
6
7 ELSE IF frmEntry1 is invisible
8
9   frmEntry1 is visible
10  frmEntry2 is invisible
11
12
13 Close Script
14
15 Open HTML tag
16 Open BODY tag
17   Checkbox named frmEdit with toggle function to swap div1 with div2
18
19   Div frmEntry1 is set to invisible until clicked
20     ASP Code displaying "Hello World!"
21   Close div frmEntry1
22   Div frmEntry1 is set to visible until clicked
23     ASP Code displaying "Good-by World!"
24   Close div frmEntry2
25
26 Close BODY tag
27 Close HTML tag

```

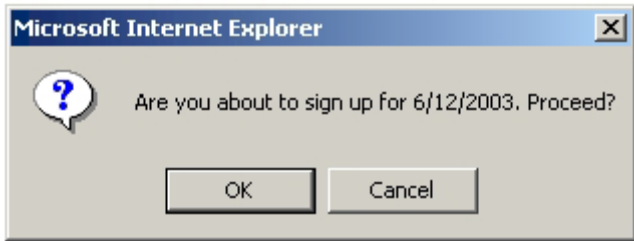
CODE:

```

1 <script language = "JavaScript">
2   function toggle2(){
3     if(document.getElementById('frmEntry1').style.display == 'none'){
4       document.getElementById('frmEntry1').style.display = 'block';
5       document.getElementById('frmEntry2').style.display = 'none';
6
7     } else {
8
9       document.getElementById('frmEntry1').style.display = 'none';
10      document.getElementById('frmEntry2').style.display = 'block';
11      }
12    }
13 </script>
14
15 <HTML>
16 <BODY>
17   <input type="checkbox" name="frmEdit" value="NO" onclick="javascript: toggle2 ();">
18
19   <div id="frmEntry1" style = "display: none;">
20     <% Response.Write "Hello World!" %>
21   </div>
22   <div id="frmEntry2" style = "display: block;">
23     <% Response.Write "Good-by World!" %>
24   </div>
25
26 </BODY>
27 </HTML>

```

Jscript

**AlertBox:****CODE:**

```
<script LANGUAGE="JavaScript">
Function confirmSubmit()
{
var agree=confirm("Are you about to sign up    for <% Response.write otDate %>.
Proceed?");
    if (agree)
        return true ;
    else
        return false ;
}
</script>
<form id="submitform">
```

VBScript**AlertBox:****LOGIC:**

```
1 Open Script language = VBScript
2 Open MsgBox - Display(Please Log in and try again.), image(#48), Title(Not Logged in)
3 When you click ok go to = test.asp
4 Close Script
```

CODE:

```
1 <script language="VBScript">
2     MsgBox "Please Log in and try again.", 48, "Invalid Login"
3     window.location="test.asp"
4 </script>
```

SQL FUNCTIONS
LOGIC:

```

1 ASP OPEN
2
3 Dim Var strConnect
4 ASP CLOSE
5
6 <!--Point to file="datastore.asp" --> to include database connection
7     <!-- Point to file library
8         -->
9 ASP OPEN
10     Set objCommand= Server.CreateObject("ADODB.Command")
11     objCommand.ActiveConnection = strConnect
12
13         DELETE (ALL) FROM Table.Event WHERE Field.EntryID = Var EntryID
14
15         UPDATE Table.Event SET EventDate = #" & strEventDate & "#,
16         T_Event.YearNum = " & strYearNum & " WHERE EntryID=" & strEntryID & ";"
17
18         INSERT INTO Table.Event(EventDate, NumCustImpact) VALUES('"&
19         strEventDate & "',' & strImpact&'')
20
21     objCommand.CommandText = strSQL
22     objCommand.CommandType = adCmdText
23     Set objRS = objCommand.Execute
24 ASP CLOSE

```

CODE:

```

1 <%
2 Option Explicit
3 Dim strConnect
4 %>
5
6 <!-- #include file="datastore.asp" -->
7 <!-- METADATA TYPE = "typelib"
8     FILE = "C:\Program Files\Common Files\System\ado\msado15.dll" -->
9 <%
10     Set objCommand= Server.CreateObject("ADODB.Command")
11     objCommand.ActiveConnection = strConnect
12
13         strSQL = "DELETE * FROM T_Event WHERE EntryID=" & strEntryID & ";"
14
15         strSQL = "UPDATE T_Event SET T_Event.EventDate = #" & strEventDate & "#,
16         T_Event.YearNum = " & strYearNum & " WHERE EntryID=" & strEntryID & ";"
17
18         strSQL = "INSERT INTO T_Event(EventDate, NumCustImpact) VALUES('"&
19         strEventDate & "',' & strImpact&'')
20
21     objCommand.CommandText = strSQL
22     objCommand.CommandType = adCmdText
23     Set objRS = objCommand.Execute
24 %>

```

ADVANCED SQL FUNCTIONS

CODE: This SQL Statement uses dynamic search criteria to select/sort information.

```
<!-- #include file="datastore.asp" -->
```

```
<%
Dim AgentName, AgentExt, EntryDate1,
EntryDate, Senior, strSQL3, strSQL4,
strSQL5
Dim objRS3, objCommand3
Set objCommand3=
Server.CreateObject("ADODB.Command")
objCommand3.ActiveConnection=strConnect
objCommand3.CommandText = strSQL3
strSQL3 = "SELECT * FROM T_Tracking "
  IF NOT QueryStringID = 0 THEN
    strSQL4 = "WHERE Ext="& QueryStringID &"
  END IF
  IF NOT QstringIssTable="0" THEN
    IF NOT strSQL4 = "" THEN
      strSQL4 = strSQL4 & " AND "& QstringIssTable &"='ON'"
    ELSE
      strSQL4 = "WHERE "& QstringIssTable &"='ON'"
    END IF
  END IF
  IF NOT QstringSenior= 0 THEN
    IF NOT strSQL4 = "" THEN
      strSQL4 = strSQL4 & " AND Senior="&QstringSenior &"
    ELSE
      strSQL4 = "WHERE Senior="&QstringSenior &"
    END IF
  END IF
  IF NOT QstringSup= 0 THEN
    IF NOT strSQL4 = "" THEN
      strSQL4 = strSQL4 & " AND SupID="& QstringSup &"
    ELSE
      strSQL4 = "WHERE SupID="&QstringSup &"
    END IF
  END IF
  IF NOT QueryMonth = 0 THEN
    IF NOT strSQL4 = "" THEN
      strSQL4 = strSQL4 & " AND month(EntryDate)="&QueryMonth &"
    ELSE
      strSQL4 = "WHERE month(EntryDate)="&QueryMonth &"
    END IF
  END IF

strSQL5 = strSQL3 & strSQL4 & " ORDER BY "& QstringSort &" "& Sort &";"

objCommand3.CommandText = strSQL5
objCommand3.CommandType = adCmdText
Set objRS3 = objCommand3.Execute
Set objCommand3 = Nothing
%>
```

Please choose search criteria:

Name:	- Select agent ▾		
Issue:	Provisioning ▾		
Date:	June ▾	- Day ▾	- Year ▾
Senior:	- Senior ▾		
Manager:	Abigail Moore ▾		
Comments:	Show / Hide		

ASP FUNCTIONS: Error Handling

Overtime for 6/12/2003

1.) **starttime:** 12:00 pm **endtime:** 9:00 pm -- 2 Open time slots

ERROR: Entry #2 has an invalid value. Your Starttime value of :00 is invalid. Please click on back and input a numeric value.

ERROR: Entry #2 has an invalid value. Your Endtime value of :00 is invalid. Please click on back and input a numeric value.

ERROR: Entry #3 has an invalid value. Your Starttime value of :00 is invalid. Please click on back and input a numeric value.

You have **3** errors to correct before we can process the overtime.

Please click back and make these corrections.

CODE: This ASP Function validates submitted information.

```
<%
Dim cmbDate, ValidationTest, ErrorCount
ErrorCount = 0
Dim i, x
cmbDate = Request.QueryString("EntryDate")
Response.Write "<b>Overtime for "& cmbDate &"</b><BR>"
Dim StartTimeArray()
Dim SArray()
Dim NumArray()
i = Request.QueryString("Entry")
REDIM StartTimeArray(i)
REDIM SArray(i)
REDIM NumArray(i)
For x = 1 to i
    StartTimeArray(x)= Request.Form("txtStartTime"& x &"")&":"& Request.Form("txtStartTimeMin"&
    x &"")
    SArray(x)= Request.Form("S"& x &"")
    NumArray(x)= Request.Form("txtNumPostings"& x &"")
    if NOT IsDate(StartTimeArray(x)) Then
        ErrorCount = ErrorCount +1
        Response.write "<BR><b><font color='ff0000'>ERROR:</font> Entry #</b>"& x &"</b> has an
        invalid value. Your Starttime value of <b>"& StartTimeArray(x)& "</b> is invalid. Please
        click on back and input a numeric value."
        ValidationTest = "False"
    End If
    if NOT IsNumeric(NumArray(x)) Then
        ErrorCount = ErrorCount +1
        Response.write "<BR><b><font color='ff0000'>ERROR:</font> Entry #</b>"& x &"</b> has an
        Invalid value. Your Open Slots value of <b>"& NumArray(x)& "</b> is invalid. Please click
        on back and input a numeric value."
        ValidationTest = "False"
    End If
    if not ValidationTest = "False" then
        Response.Write x & ".) <b>starttime:</b> " & StartTimeArray(x)&" "
        Response.Write SArray(x)&" "
        Response.Write NumArray(x) & " Open time slots"
        Response.Write "<br>"
    END IF
Next
if ValidationTest = "False" then
    Response.Write "<br><br>You have <b>"& ErrorCount &"</b> errors to correct before we can
    process the overtime.<br>"
    Response.Write "Please click back and make these corrections."
    Response.End
End If
%>
```