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'=====
' NAME: ComputerSQL4T.vbs
'
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' Class : Comp230
' Professor: Hopkins
'=====

' Set variables and connection to db.
recordsStr = ""
sqlStr = "SELECT Computer, Room_Num, CPU_Type, Num_CPUs, Bit_Size, OS_Type FROM
Computers WHERE Num_CPUs > 1" & _
"OR Bit_Size = 64 ORDER BY OS_Type"
dataSource = "provider=Microsoft.ACE.OLEDB.12.0;" _
& "data source=C:\Program Files\Notepad++\Computers.accdb"
Set objConnection = CreateObject("ADODB.Connection")
objConnection.Open dataSource
Set objRecordSet = CreateObject("ADODB.Recordset")
objRecordSet.Open sqlStr , objConnection
objRecordSet.MoveFirst
' Display Headers and printout.
recordsStr = "Computer          Room_Num " & _
"          OS_Type" & vbCrLf & _
"===== " & vbCrLf
Do Until objRecordSet.EOF
    recordsStr = recordsStr & objRecordSet.Fields.Item("Computer") & _
vbTab & pad(objRecordSet.Fields.Item("Room_Num"),19) & _
vbTab & pad(objRecordSet.Fields.Item("OS_Type"),13) & vbCrLf
    objRecordSet.MoveNext
Loop

' Close recordset and connection to db.
objRecordSet.Close
objConnection.Close

' Echo the headers and printout.
WScript.Echo recordsStr

' Pad function for printout field.
function pad(ByVal strText, ByVal len)
    pad = Left(strText & Space(len), len)
end Function

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