

DARS Report:

AAS, AS, and Diploma, >=70% complete, with >=2.0 GPA

Task:

Given a list of Tech ID's...

Report those with an AAS, AS, or Diploma in process, which are 70% complete, with a 2.0 GPA or higher.

Sort the results randomly.

Requested by:

Donna Statzell - Hennepin Technical College

Tuesday, Feb 12, 2013

Updated last:

Wednesday, Feb 26, 2014

Requested of:

Jon Baxter - Hennepin Technical College

Assistance received from:

Monica Haynes - Normandale Community College

Laurie Tralle - MnSCU System Office

Donna Statzell - Hennepin Technical College

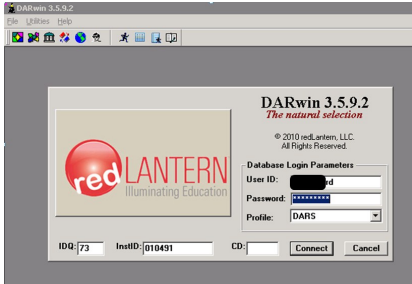
* Notes:

1.
Monica Haynes provided a very helpful document "Batch Audits and Analytics in DARS 10.26.2012"
 2.
Laurie Tralle provided the helpful document "AuditDataAnalysisCSwebsite.pdf/u.achieve Data Analysis Outline".
- * Included in the Data Analysis Outline, are links to info on the JobQueRun and JobQueReq tables.

Open the DARS application on the CAP server.



Connect to DARS.

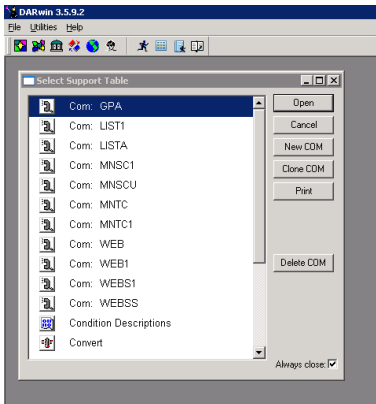


Click the globe icon to open the Com tables.

Make note of the available Com tables.

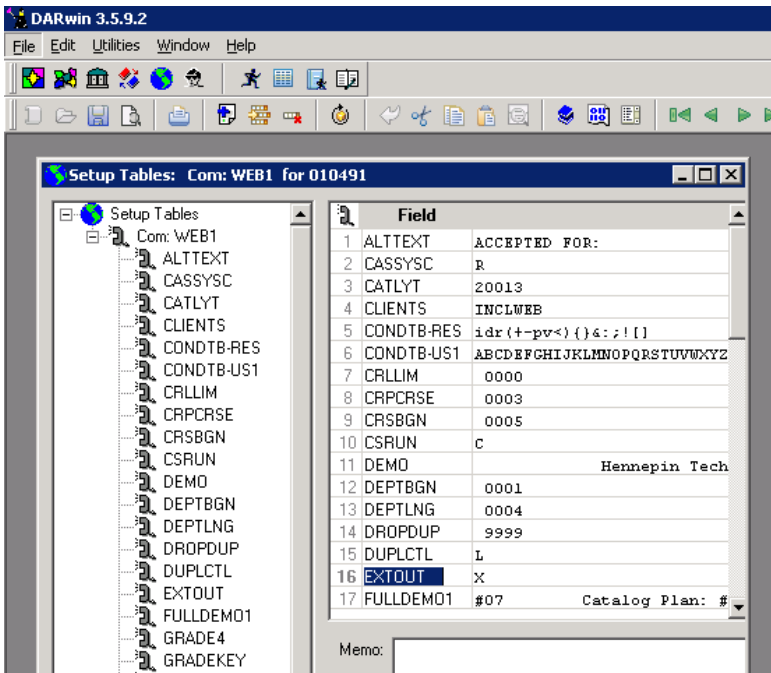
I asked Susan Markes to clone one of each, not knowing which ones I'd be using or in what manner I'd be using them.

We cloned with the syntax of first four characters followed by available sequential number.



We used the WEB1 COM table with the EXOUT field set at: X.

This can be seen by selecting and opening the COM table.



Save the TechID #'s to be reported on in a Notepad text file in the directory - U:\usys\94\isrs

* It wouldn't hurt to check for, and remove any duplicates in the list...

The file name doesn't matter, "DARS1" is used in this case, just pick a name and remember it.

Each TechID on its own line, as in the Notepad file below...

The screenshot shows a Windows Explorer window with the address bar set to 'Computer > ISRS (U:) > usys > 94 > isrs'. The left sidebar shows the 'Computer' section with 'ISRS (U:)' selected. The main pane displays a list of files and folders:

Name	Date modified	Type	Size
adm	6/24/2011 8:37 AM	File folder	
app	8/1/2012 10:52 AM	File folder	
frm	6/24/2011 8:37 AM	File folder	
logs	6/24/2011 8:37 AM	File folder	
misc	6/24/2011 8:37 AM	File folder	
searchplugins	10/12/2012 12:23 PM	File folder	
ShortCuts	6/24/2011 8:37 AM	File folder	
13AR44.dat	1/17/2013 12:17 AM	DAT File	2 KB
DARS1.txt	2/19/2013 9:56 PM	Text Document	65 KB
loan_accept	3/23/2012 6:12 PM	File	52 KB
mnsco.cfg	6/24/2011 8:07 AM	CFG File	1 KB
mnsco.ico	6/24/2011 8:07 AM	Icon	8 KB
test	8/30/2012 8:25 PM	File	341 KB
UNI00120.log	7/21/2011 10:25 AM	Text Document	1 KB
UNI00156.log			
UNI00196.log			
UNI00204.log			
UNI00212.log			
UNI00252.log			
UNI00276.log			
UNI00280.log			
UNI00312.log			
UNI00316.log			

An overlaid Notepad window titled 'DARS1.txt - Notepad' shows the following text:

```
File Edit Format View Help
00021080
00048547
00006378
00000814
```

Log in to ISRS.



The screenshot shows the 'MnSCU Login' window for the 'Integrated Statewide Records System'. The window has a menu bar with 'Window', 'File', 'Record', 'Edit', 'Misc', 'Search Text', and 'Help'. On the left, there is a logo for 'Minnesota STATE COLLEGES & UNIVERSITIES' featuring a stylized sunburst. The main area contains a login form with the following fields:

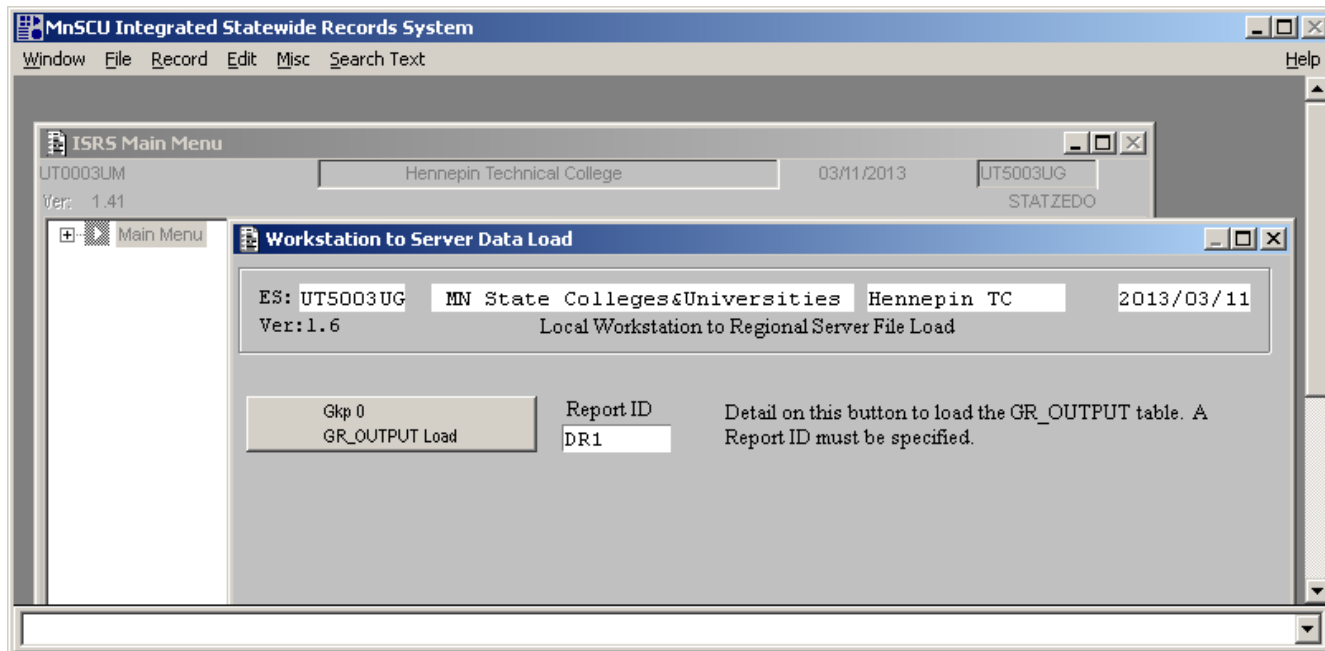
- Node:
- User ID:
- Password:

Below the form are two buttons: 'OK' and 'CANCEL'.

Enter screen number UT5003UG in the text box in the upper right of the ISRS Main Menu window.

Then, enter a Report ID.

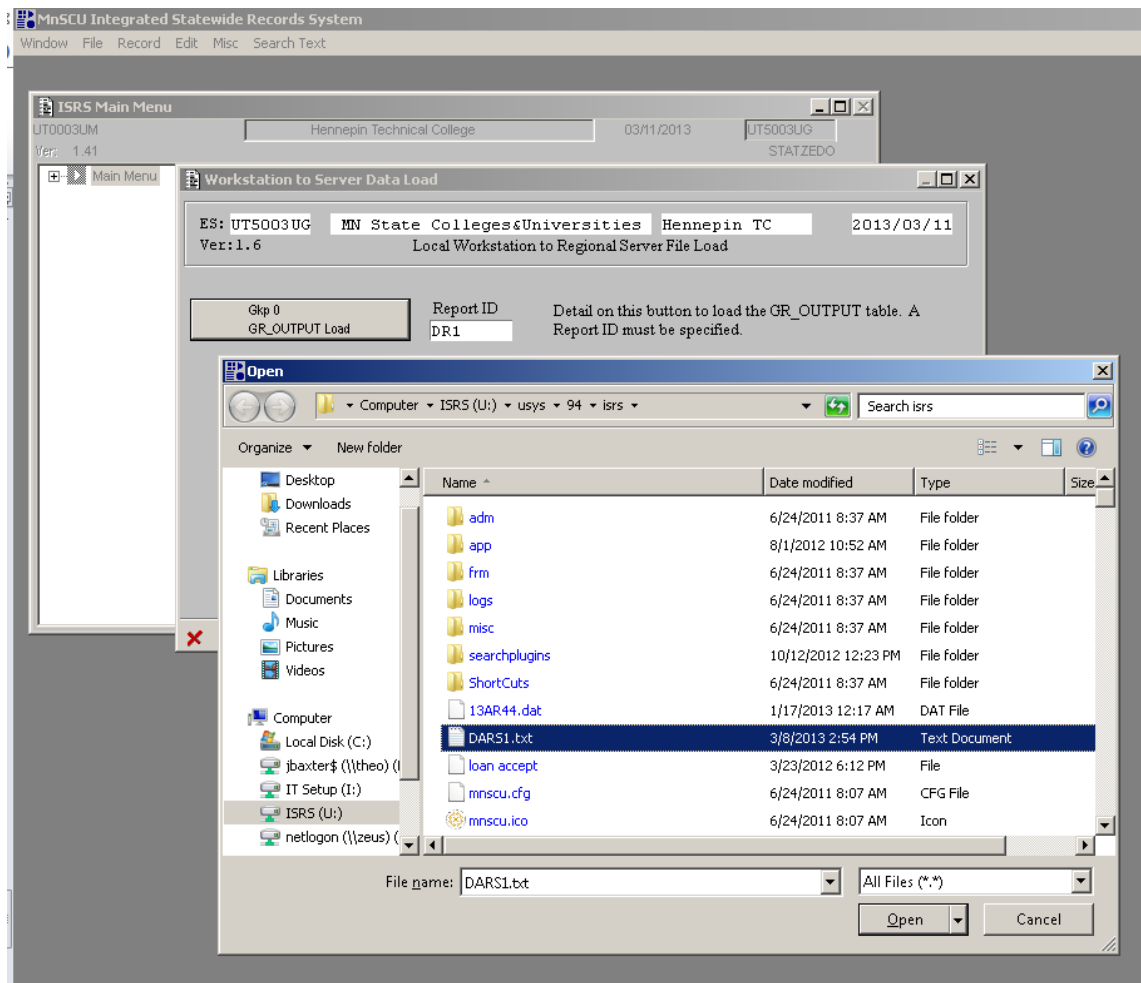
The Report ID name doesn't matter, "DR1" is used in this case, just pick a name and remember it.



Click the GR_OUTPUT Load button.

Select the text file created earlier, in this case "DARS1".

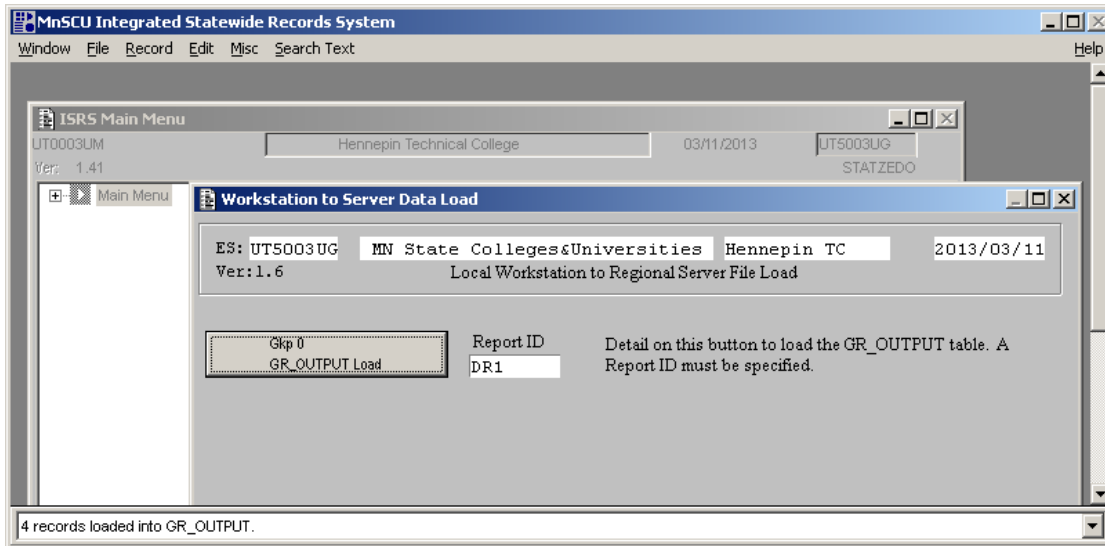
Click the Open button.



Notice the "records loaded" status in the text box at the bottom of the ISRS window.

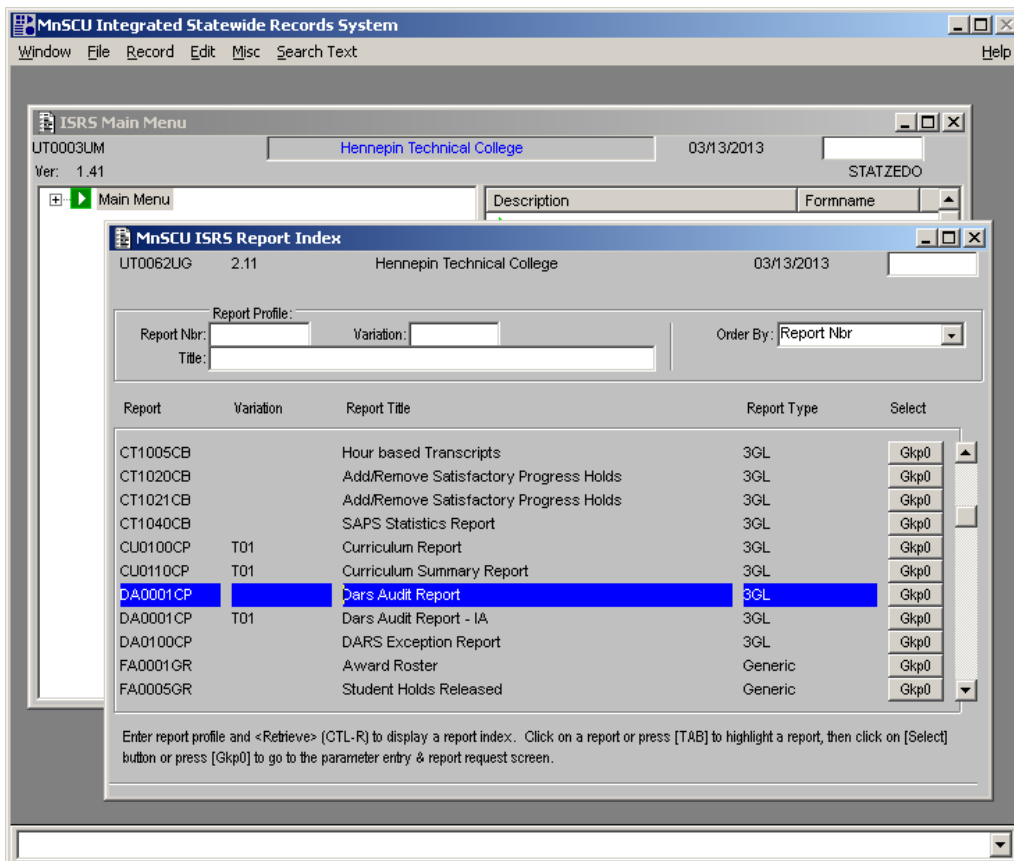
* This may take a minute, as did our run of 6,700 TechID's, entered in the DARS1.txt file earlier.

Close the "Workstation to Server Data Load" window via the x in the upper right corner.

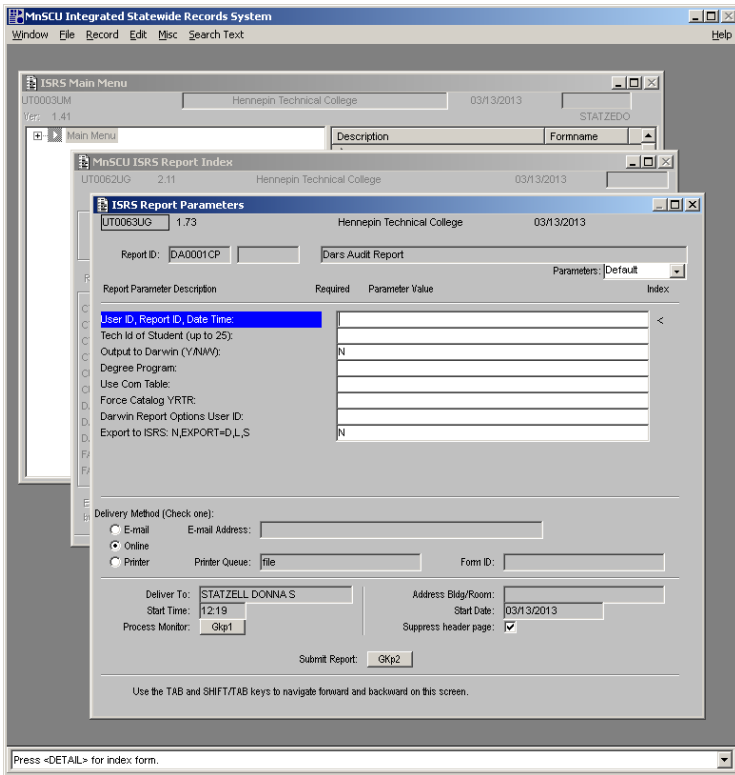


Enter screen number UT0062UG in the text box in the upper right of the ISRS Main Menu window.

Select DA0001CP Dars Audit Report, and click the Gkp0 button next to it.

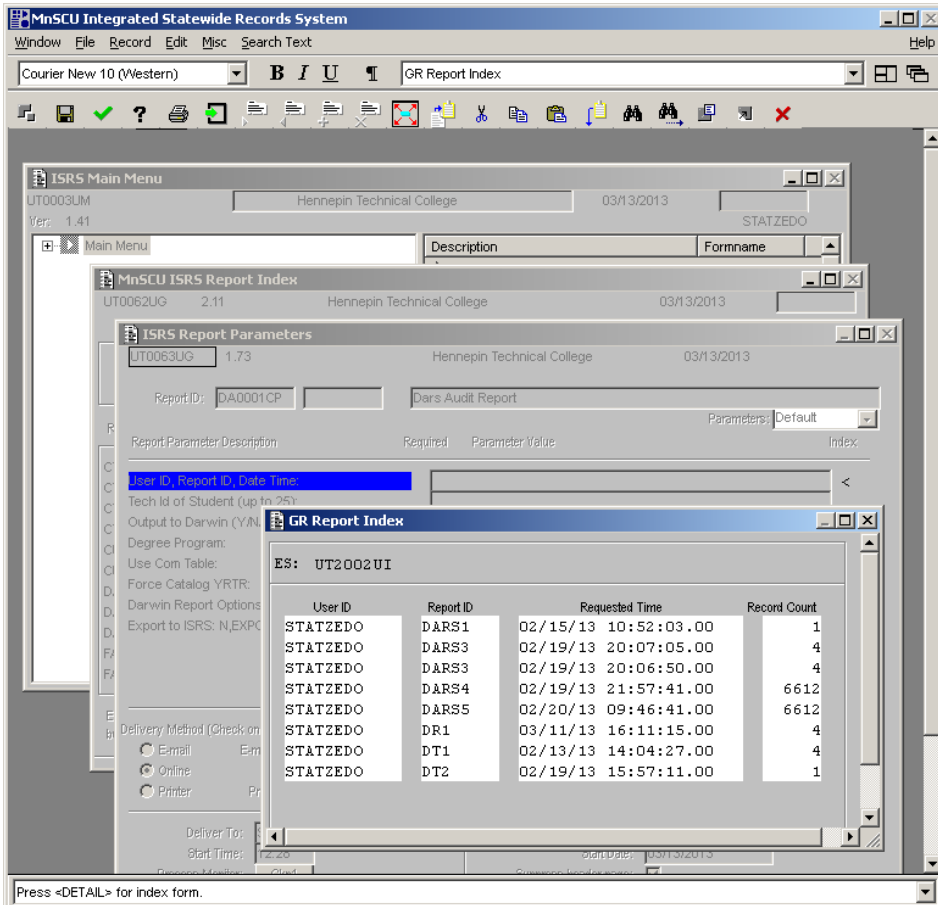


Double click in the "User ID, Report ID, Date time:" text box...



The Report ID name used earlier in screen UT5003UG is now available.

If it is the only Report ID ever created by the ISRS user account, the "User ID, Report ID, Date time:" text box will automatically populate. *Otherwise, in the GR Report Index window, click/position the cursor next to the report to be run, then press Ctrl A to populate the "User ID, Report ID, Date time:" text box.



Enter "deletejobqueue" in the "Tech Id of Student (up to 25)" text box.

Enter "WEB1" in the "Use Com Table:" text box.

Click the "Submit Report Gkp2" button.

* This may take some time to be fully populated in the DARS/REPL tables, as our run of 6,700 TechID's, entered in the DARS1.txt file earlier, took about 25 minutes.

Notice "Report Submitted" in the text box at the bottom of the ISRS application window.

Close the "ISRS Report Parameters" window via the x in the upper right corner.

Close out of ISRS.

MnSCU Integrated Statewide Records System

Window File Record Edit Misc Search Text Help

ISRS Main Menu
UT0003UM Hennepin Technical College 03/13/2013 STATZEDO
Ver: 1.41

Main Menu Description Formname

MnSCU ISRS Report Index
UT0062UG 2.11 Hennepin Technical College 03/13/2013

ISRS Report Parameters
UT0063UG 1.73 Hennepin Technical College 03/13/2013

Report ID: DA0001CP Dars Audit Report Parameters: Default

Report Parameter Description	Required	Parameter Value	Index
User ID, Report ID, Date Time:		STATZEDO, DR1, 03/11/13 16:11:15.00	<
Tech Id of Student (up to 25):		deletejobqueue	
Output to Darwin (Y/N/W):		N	
Degree Program:			
Use Com Table:		WEB1	
Force Catalog YRTR:			
Darwin Report Options User ID:			
Export to ISRS: N,EXPORT=D,L,S		N	

Delivery Method (Check one):
 E-mail E-mail Address: _____
 Online
 Printer Printer Queue: file Form ID: _____

Deliver To: STATZELL DONNA S Address Bldg/Room: _____
Start Time: 12:28 Start Date: 03/13/2013
Process Monitor: Gkp1 Suppress header page:

Submit Report: Gkp2

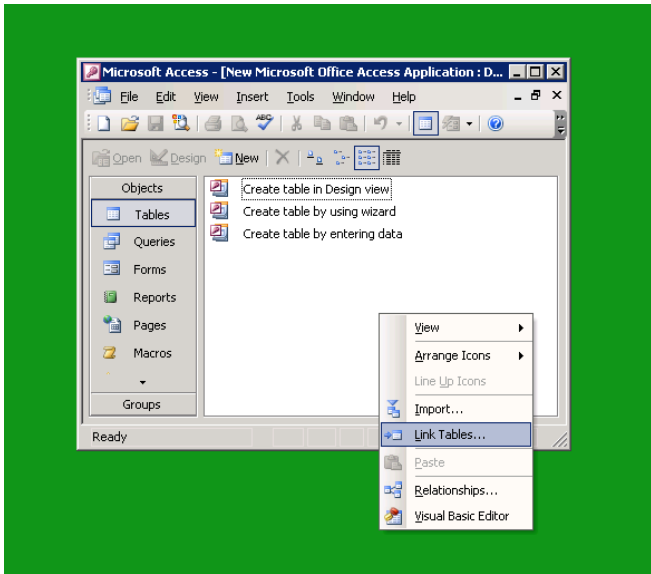
Use the TAB and SHIFT/TAB keys to navigate forward and backward on this screen.

Report Submitted.

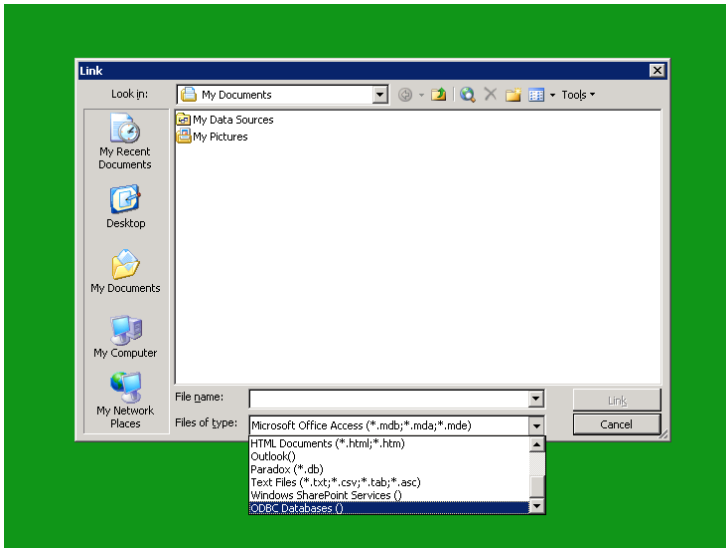
Create a new Access Database on the CAP server.



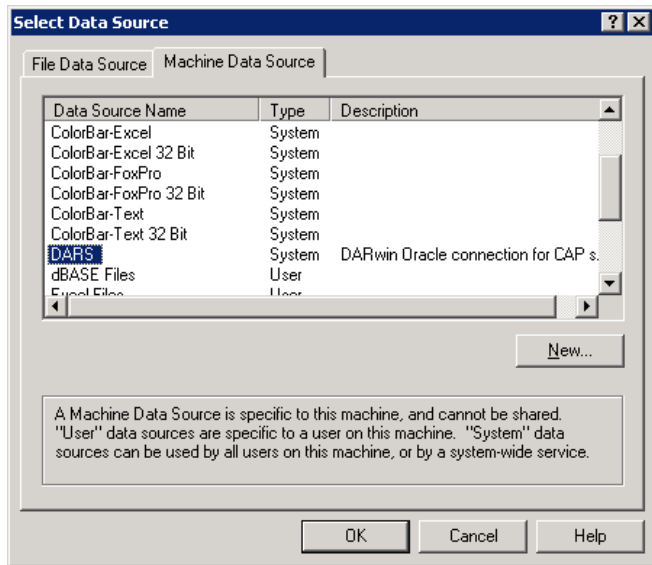
Right click in the white area of the Table Object area.
Select Link Tables...



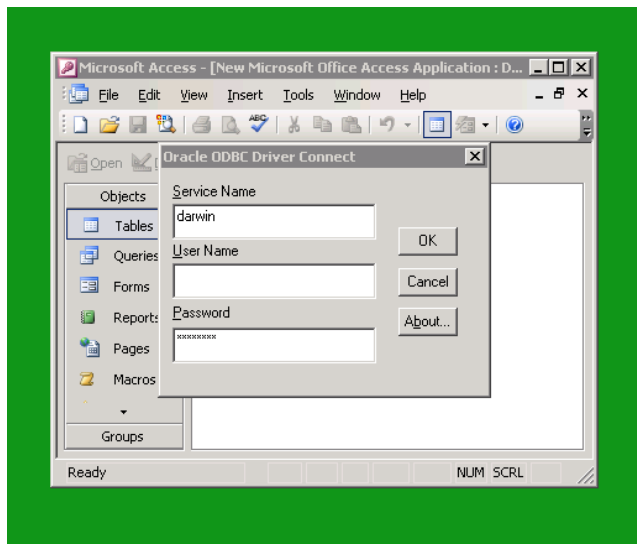
Select Files of type: ODBC Databases()



Click the Machine Data Source tab.
Select your DARS source then click OK.



Enter your DARS login and click OK.

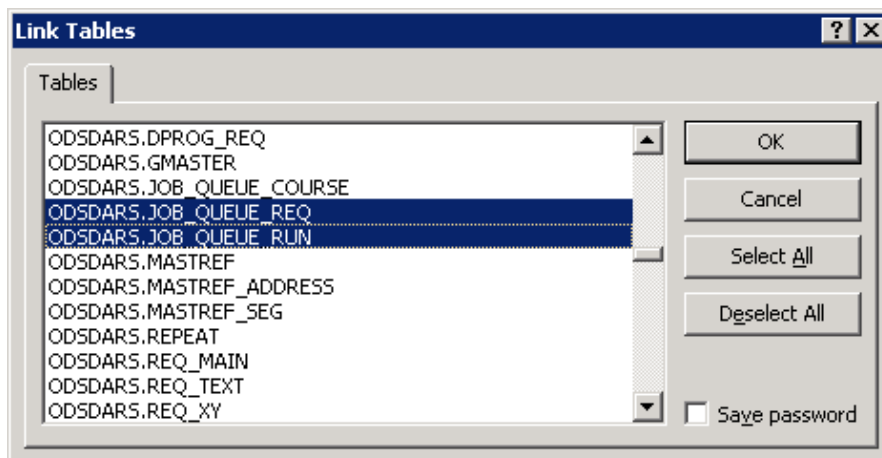


Select these tables and click OK.

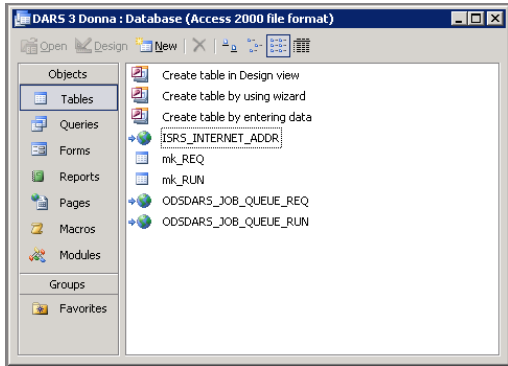
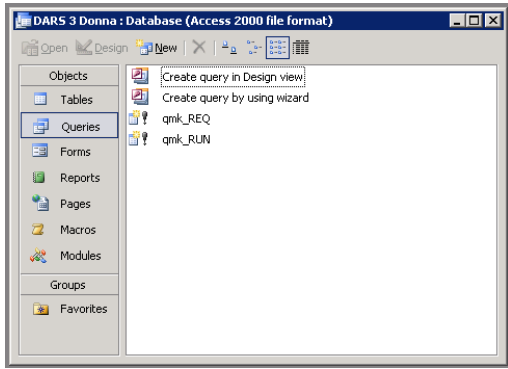
ODSDARS.JOB_QUEUE_REQ

ODSDARS.JOB_QUEUE_RUN

* Also added the link table ISRS.INTERNET_ADDR from the Machine Data Source REPL, for student email addresses



Create two make table queries, one to make the entire DARS_JOB_QUEUE_RUN link table, and another to make the entire DARS_JOB_QUEUE_REQ link table, then make those two tables.



Make note of the RUN and REQ field info that will be used in the query.
 The documentation from Laurie Tralle is helpful for this.
 The RUN and REQ table data can be exported to Excel for review.
 Transpose pasting a few records in Excel can be helpful for field review.

In this case, we'll use the following tables/fields:

RUN table, fields used:

STUNO
 DPTITLE1
 DPTITLE2
 DPROG
 SOPRID
 CATEGORY
 RUNDATE
 RUNTIME
 INT_SEQ_NO

REQ table, fields used:

REQHRS
 GOTHRS
 GOTGPA

Query items of note:

DPROG Like "AAS*" Or Like "AS*" Or Like "DIP*"
 REQHRS_r: Round([REQHRS],0) Criteria >=1
 GOTHRS_r: Round([GOTHRS],0) Criteria >=1
 GOTGPA_r: Round([GOTGPA],1) Criteria >=2
 PercentComp: IIf([GOTHRS]>1 And [REQHRS]>1, Round([GOTHRS]/[REQHRS]*100,0),1) Criteria >=70
 SOPRID = "BAT"
 CATEGORY = "Tot Hrs/Cum GPA"
 Random: Round(Rnd([STUNO])*1000,0)

Two queries are run.

The first query pulls the data and sorts on the time the records came from DARS to REPL.

* This can be used to verify that the records are those TechID's originally entered into ISRS.

The second query sorts the data on a random number generated in the first query.

SQL from the first query:

```
SELECT mk_RUN.STUNO, mk_RUN.DPTITLE1, mk_RUN.DPTITLE2, mk_RUN.DPROG, Round([REQHRS],0) AS REQHRS_r, Round([GOTHRS],0) AS GOTHRS_r, Round([GOTGPA],1) AS GOTGPA_r, IIf([GOTHRS]>1 And [REQHRS]>1, Round([GOTHRS]/[REQHRS]*100,0),1) AS PercentComp, ISRS_INTERNET_ADDR.INTERNET_ADDR, mk_RUN.RUNDATE, mk_RUN.RUNTIME, mk_RUN.INT_SEQ_NO, Round(Rnd([STUNO])*1000,0) AS Random INTO [001 qm Final Records sorted by date time] FROM (mk_RUN INNER JOIN ISRS_INTERNET_ADDR ON mk_RUN.STUNO = ISRS_INTERNET_ADDR.TECH_ID) INNER JOIN mk_REQ ON mk_RUN.INT_SEQ_NO = mk_REQ.JOBQ_SEQ_NO WHERE (((mk_RUN.DPROG) Like "AAS*" Or (mk_RUN.DPROG) Like "AS*" Or (mk_RUN.DPROG) Like "DIP*") AND ((Round([REQHRS],0))>=1) AND ((Round([GOTHRS],0))>=1) AND ((Round([GOTGPA],1))>=2) AND ((IIf([GOTHRS]>1 And [REQHRS]>1, Round([GOTHRS]/[REQHRS]*100,0),1))>=70) AND ((ISRS_INTERNET_ADDR.INTERNET_ADDR_TYPE)="T") AND ((mk_RUN.SOPRID)="BAT") AND ((mk_REQ.CATEGORY)="Tot Hrs/Cum GPA")) ORDER BY mk_RUN.RUNDATE, mk_RUN.RUNTIME;
```

SQL from the second query:

```
SELECT [001 qm Final Records sorted by date time].STUNO, [001 qm Final Records sorted by date time].DPTITLE1, [001 qm Final Records sorted by date time].DPTITLE2, [001 qm Final Records sorted by date time].DPROG, [001 qm Final Records sorted by date time].REQHRS_r, [001 qm Final Records sorted by date time].GOTHRS_r, [001 qm Final Records sorted by date time].GOTGPA_r, [001 qm Final Records sorted by date time].PercentComp, [001 qm Final Records sorted by date time].INTERNET_ADDR, [001 qm Final Records sorted by date time].Random INTO [002 qm Final Records sorted by random] FROM [001 qm Final Records sorted by date time] ORDER BY [001 qm Final Records sorted by date time].Random;
```

* This SQL can be copied into Access to create the query for visual design view study.

