

IBM iSeries – Saving SQL Scripts

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Preface

This document will give you a better understanding on how you can save your IBM SQL Scripts from IBM i Access Client Solutions (Client Access) to the IBM System i (aka iSeries / AS400 / Power i) for future retrieval.

As an alternative you can save the scripts to a location on your PC and/or network.

Create source physical file in library

1) At command line, type **CRTSRCPF**, press **F4**

2) Input the following:

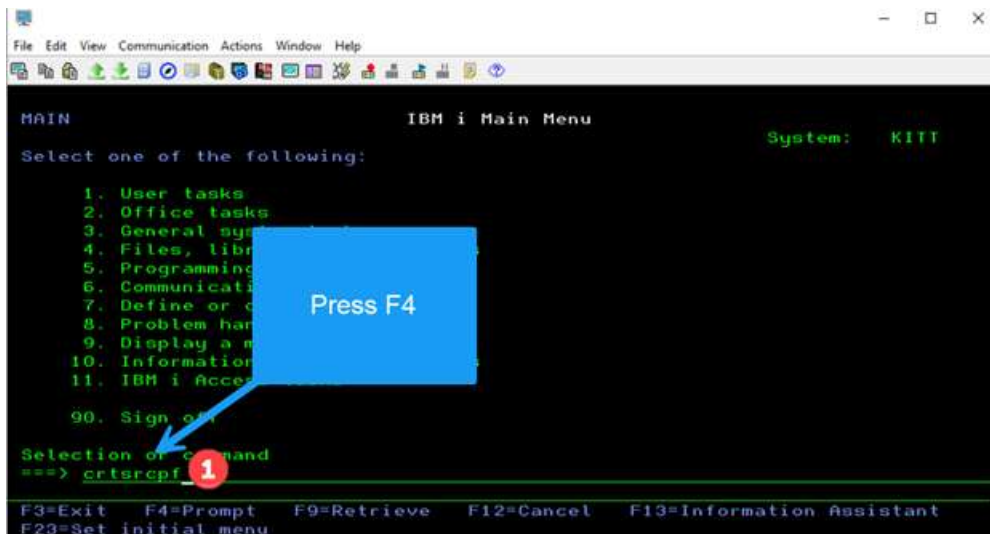
File name

Library name

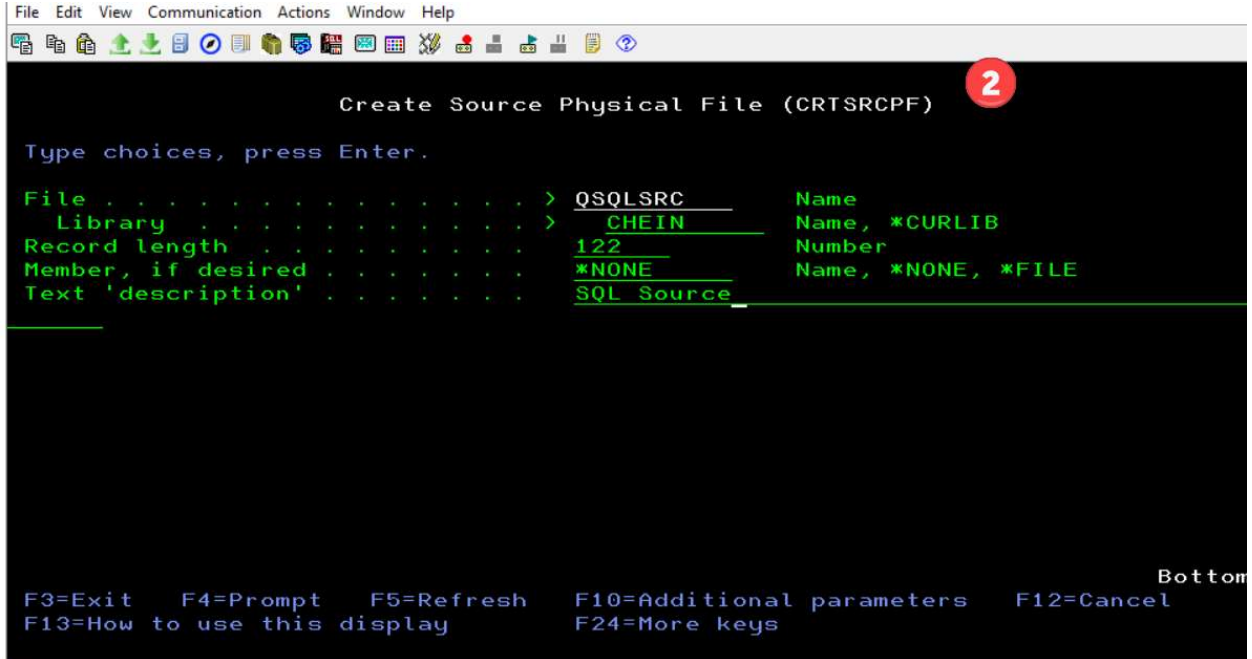
Record Length

Text Description

Press **ENTER**



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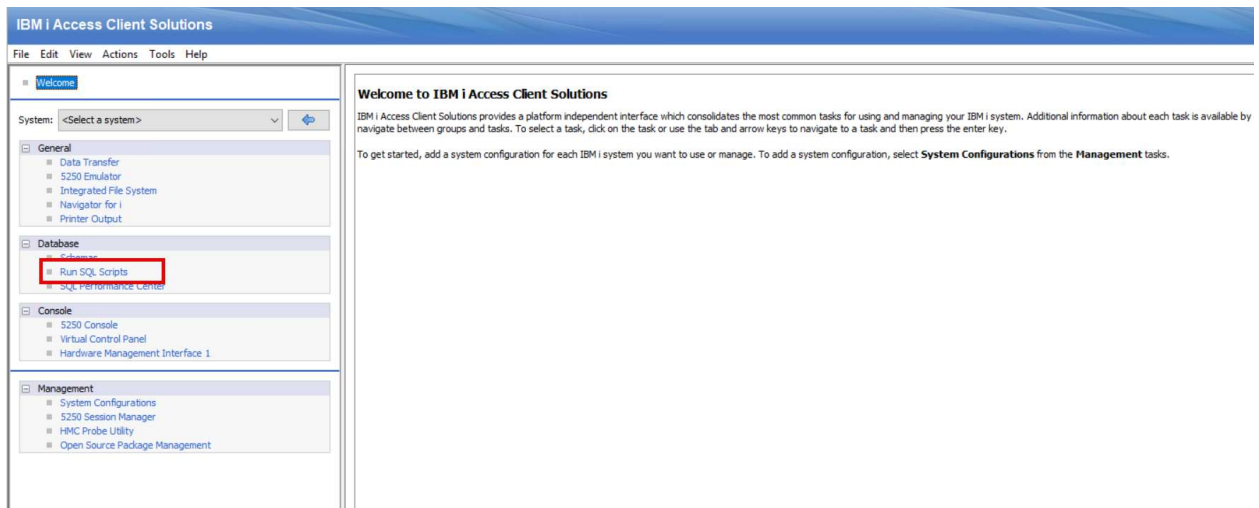


RUN SQL SCRIPTS

Two methods to do so

From Main Menu of IBM I Access Client Solutions

Click **RUN SQL SCRIPTS**

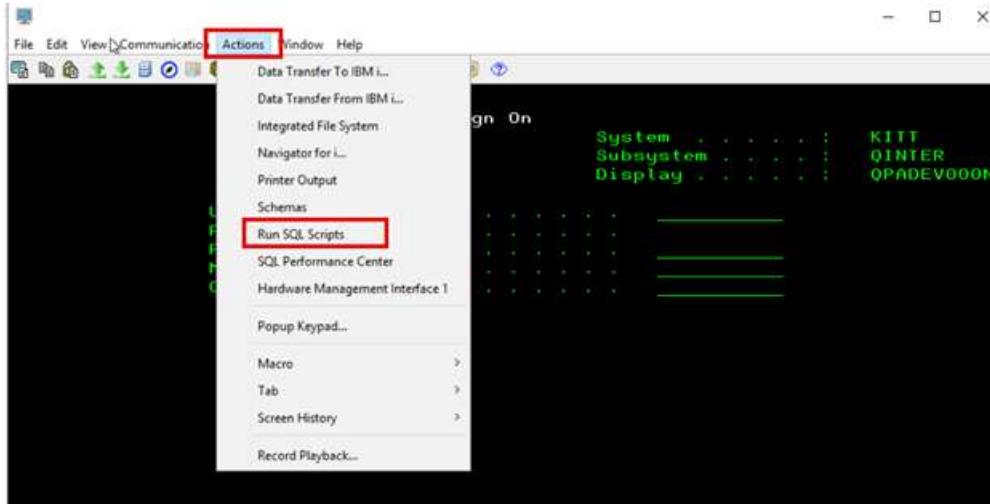


From Green Screen

From menu bar:

Click **ACTIONS**

Click **RUN SQL SCRIPTS**

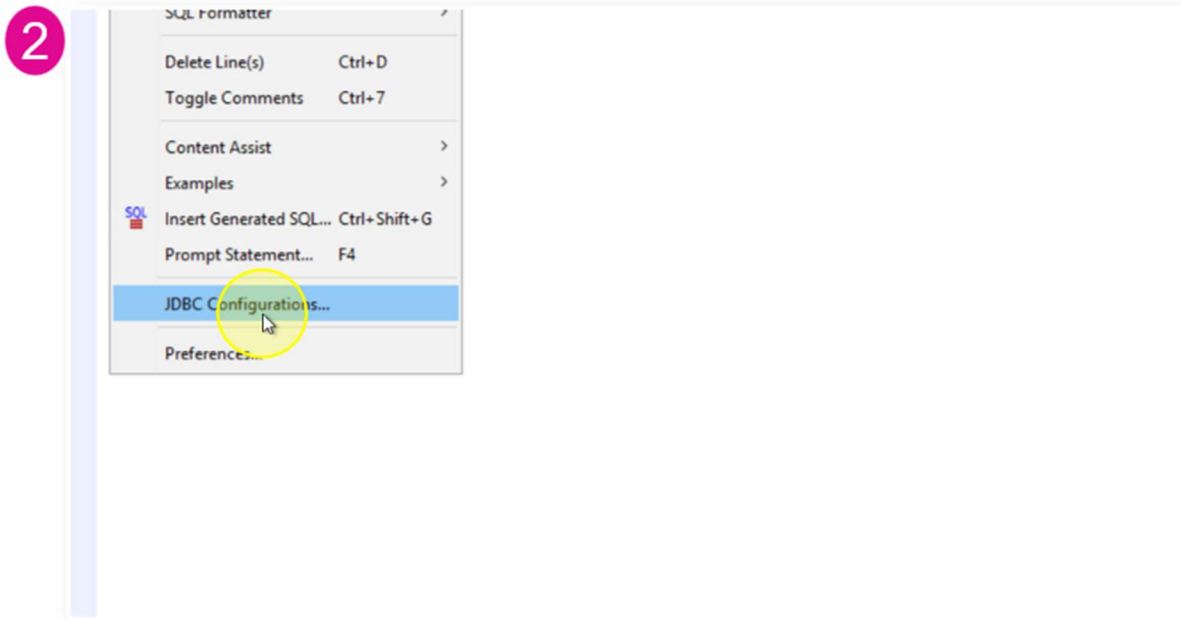
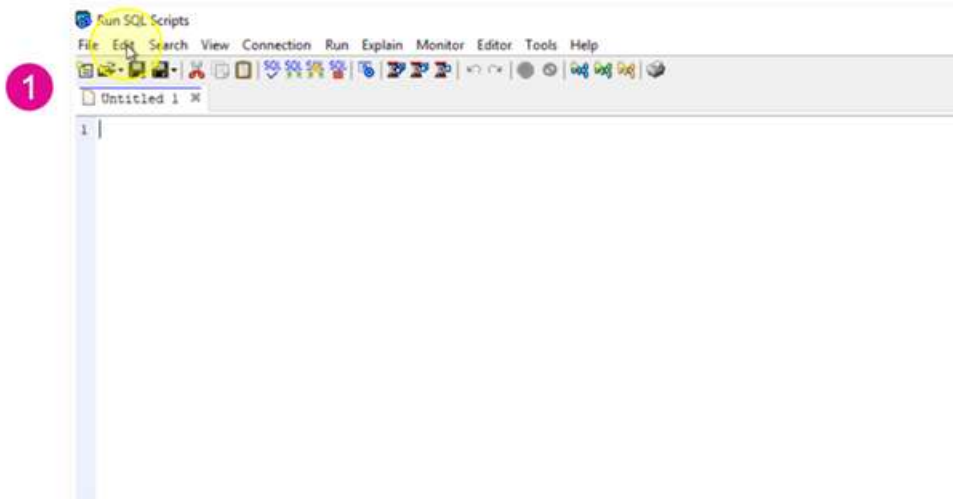


SET UP LIBRARY LIST

From menu bar:

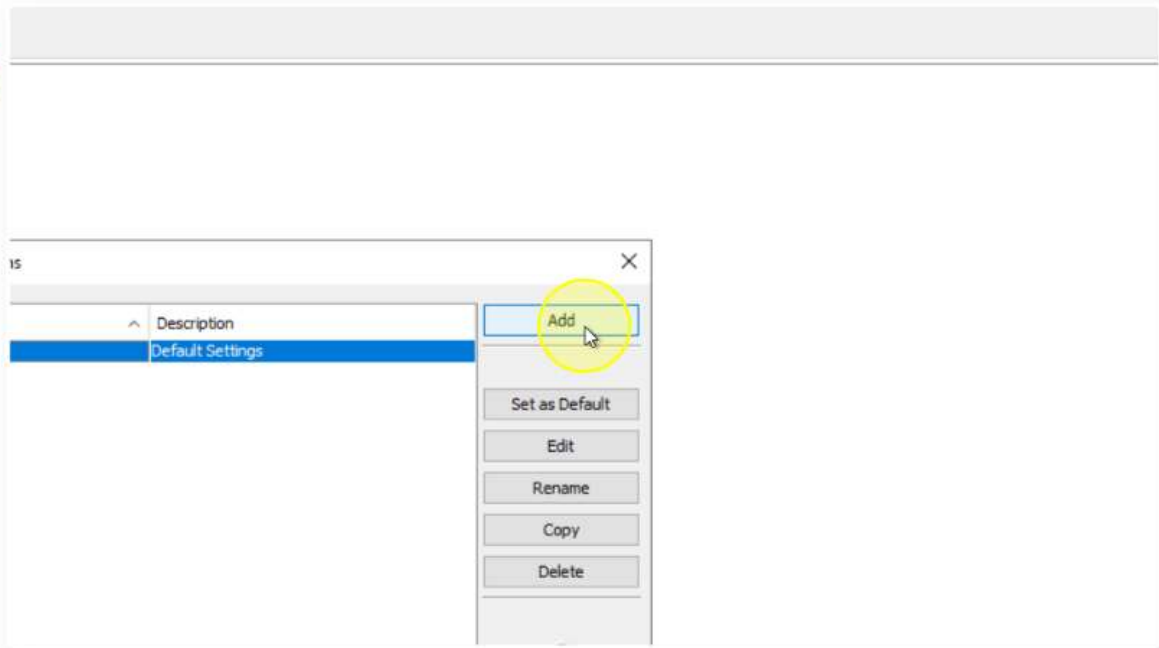
- 1) Click **EDIT**
- 2) Click **JDBC Configurations**
- 3) Click **ADD** button
- 4) Input/type:
Name
Description
Click **NEXT** button
- 5) Input library list. Multiple libraries are separated by commas
- 6) Click **TRANSLATION**
- 7) Check/tick box **TRANSLATE TABLE CCSID 65535**
- 8) Click **SAVE** button

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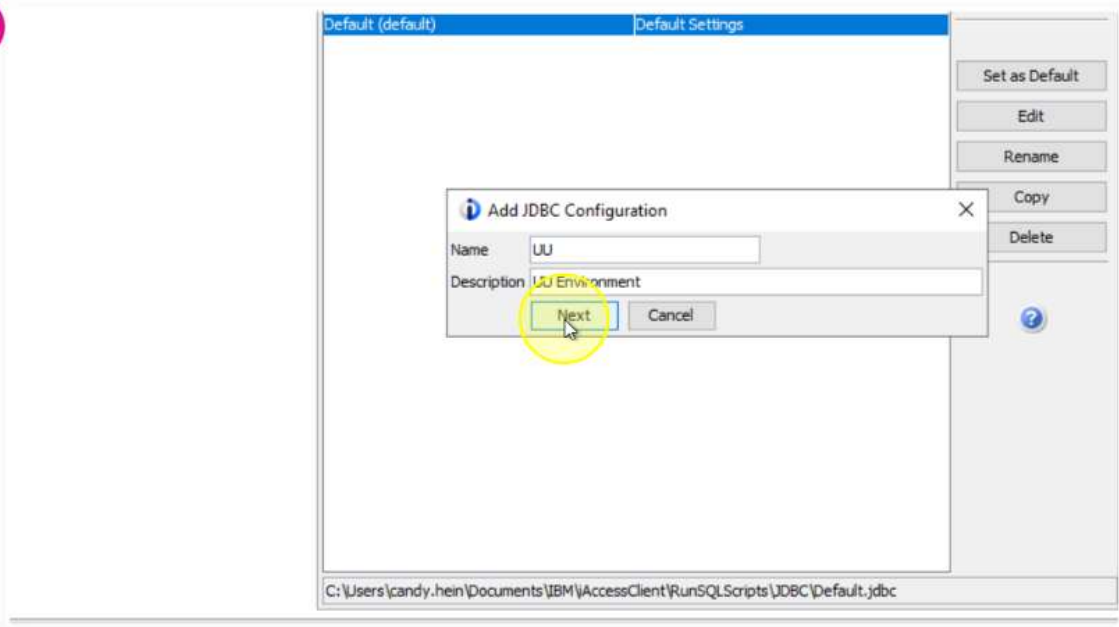


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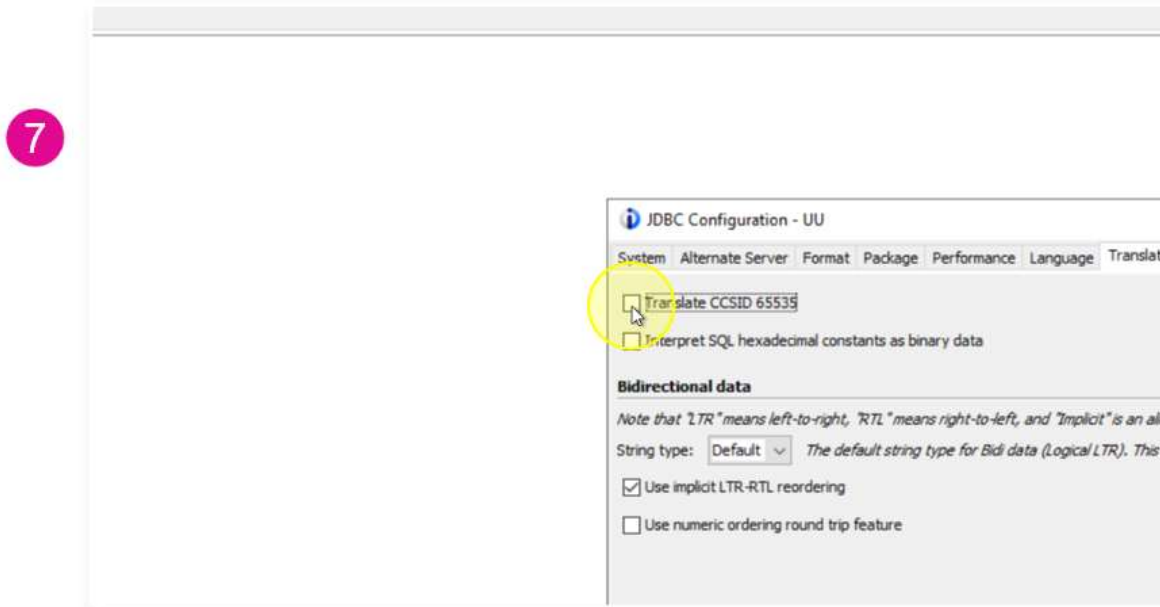
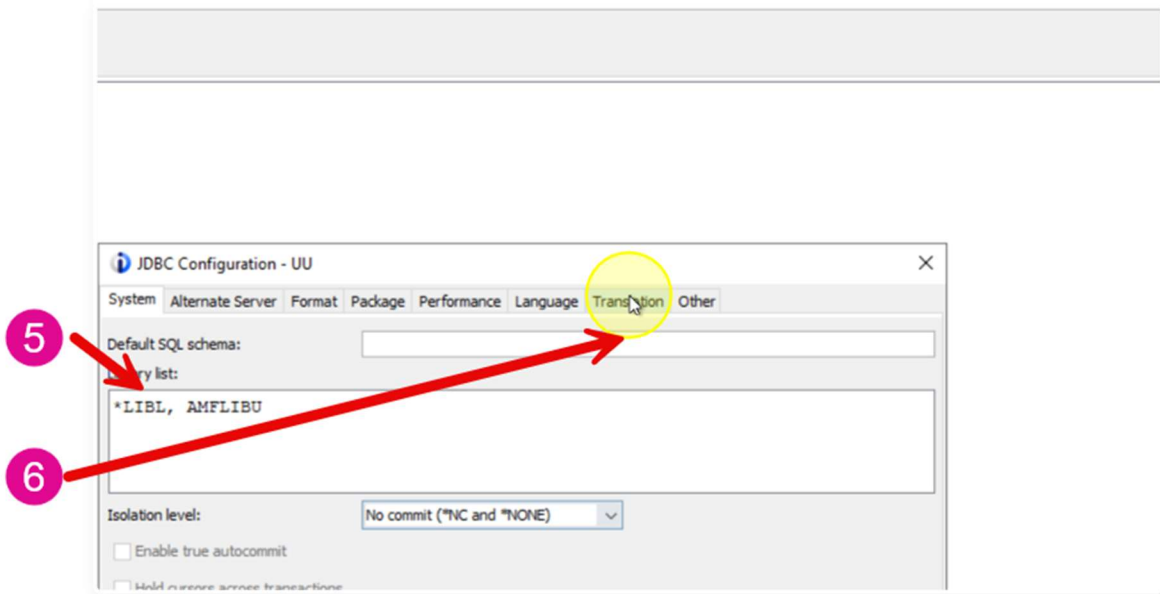
3



4

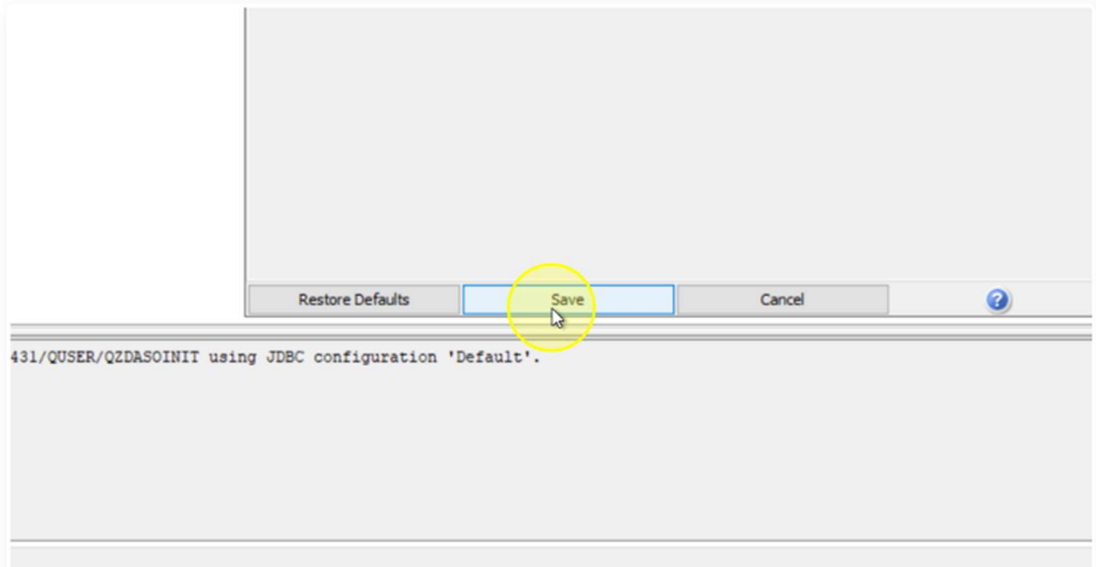


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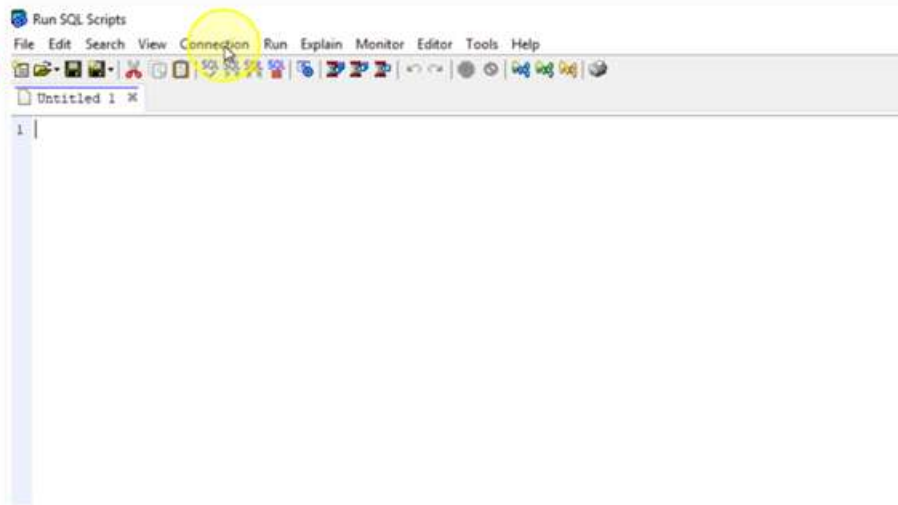
8



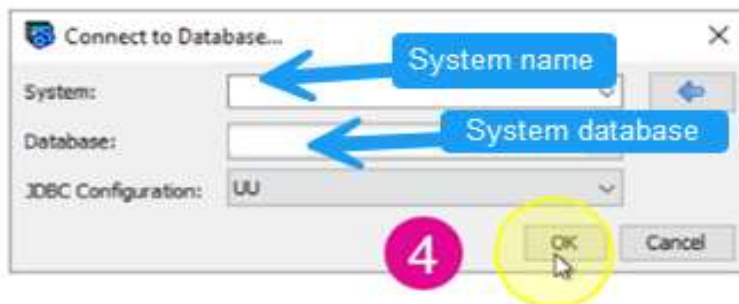
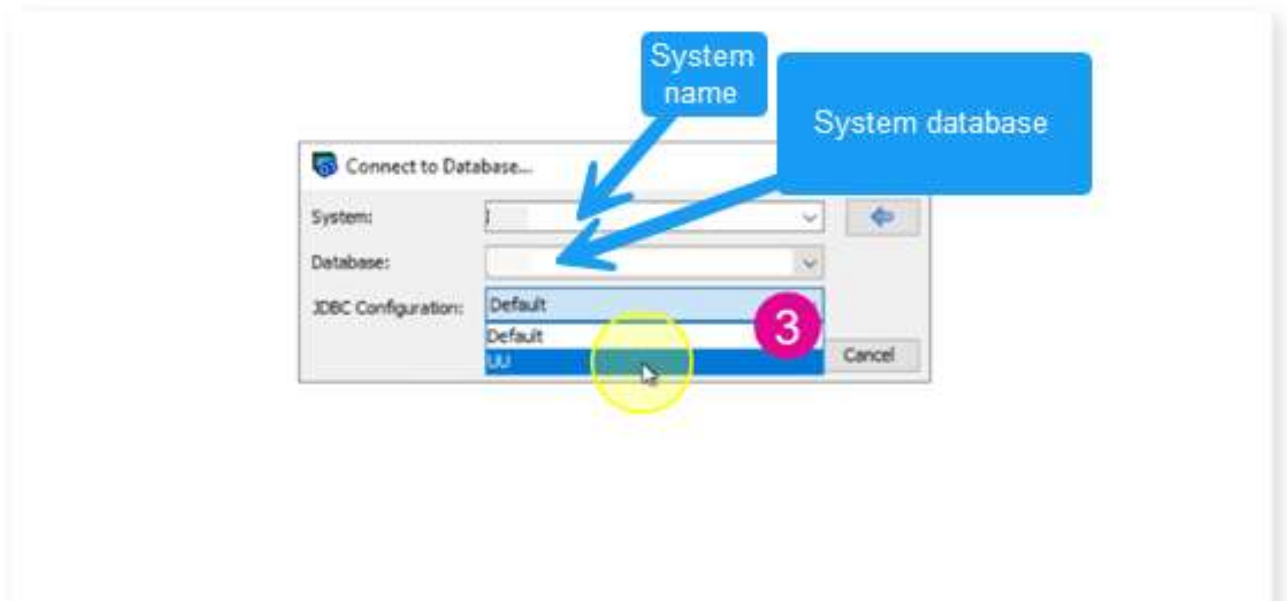
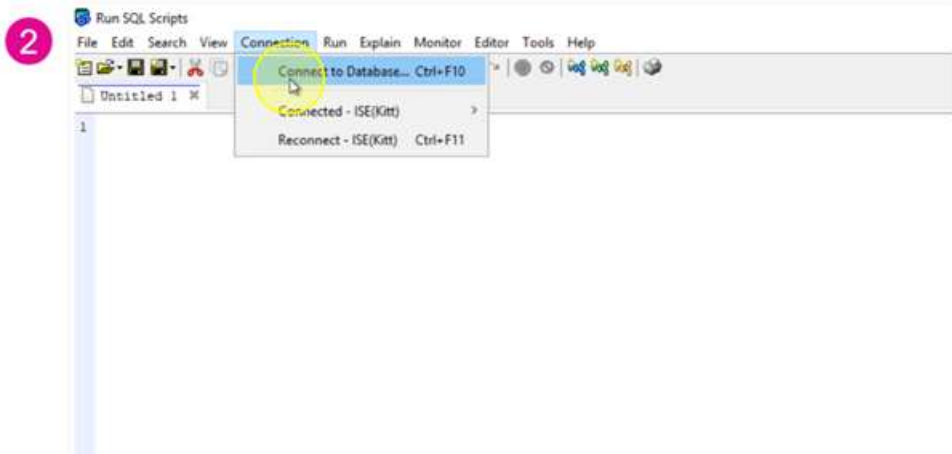
SETUP - Change connection to point to correct library list

- 1) Click **CONNECTION**
- 2) Click **CONNECT TO DATABASE**
- 3) Click **DROP-DOWN ARROW** and select your environment configuration
- 4) Click **OK** button

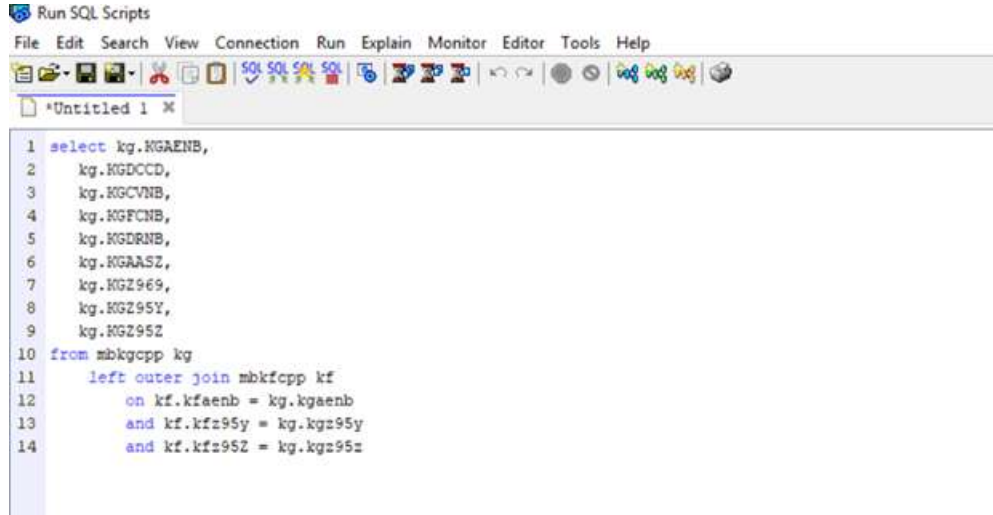
1



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INPUT YOUR SQL SCRIPTS



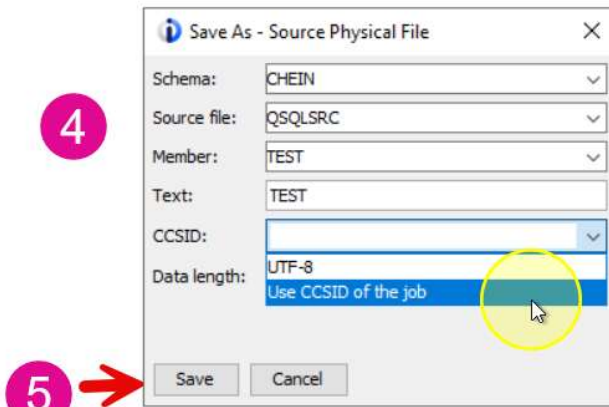
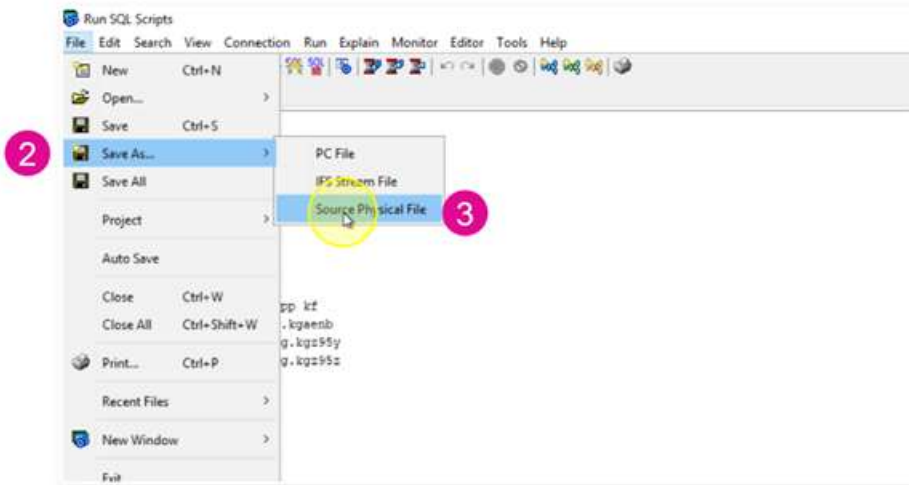
The screenshot shows the 'Run SQL Scripts' application window. The menu bar includes File, Edit, Search, View, Connection, Run, Explain, Monitor, Editor, Tools, and Help. The toolbar contains various icons for file operations and execution. The main text area shows a SQL script with the following content:

```
1 select kg.KGAENB,  
2    kg.KGDCCD,  
3    kg.KGCVNB,  
4    kg.KGFCNB,  
5    kg.KGDRNB,  
6    kg.KGAASZ,  
7    kg.KGZ969,  
8    kg.KGZ95Y,  
9    kg.KGZ95Z  
10 from mbkgcpp kg  
11 left outer join mbkfopp kf  
12   on kf.kfaenb = kg.kgaenb  
13   and kf.kfz95y = kg.kgz95y  
14   and kf.kfz95Z = kg.kgz95z
```

SAVE YOUR SCRIPTS TO SOURCE PHYSICAL FILE

- 1) Click **FILE**
- 2) Click **SAVE AS**
- 3) Click **SOURCE PHYSICAL FILE**
- 4) Input/Type the following (Note the screen may refresh with each section)
Schema = *Your Library Name on the iSeries*
Source File = *Source Physical file as you created above*
Member = *Name of the SQL Script (limited to 10 characters)*
Text = *description of the script*
CCSID = click on drop-down arrow and select "Use CCSID of the job"
- 5) Click **OK** button

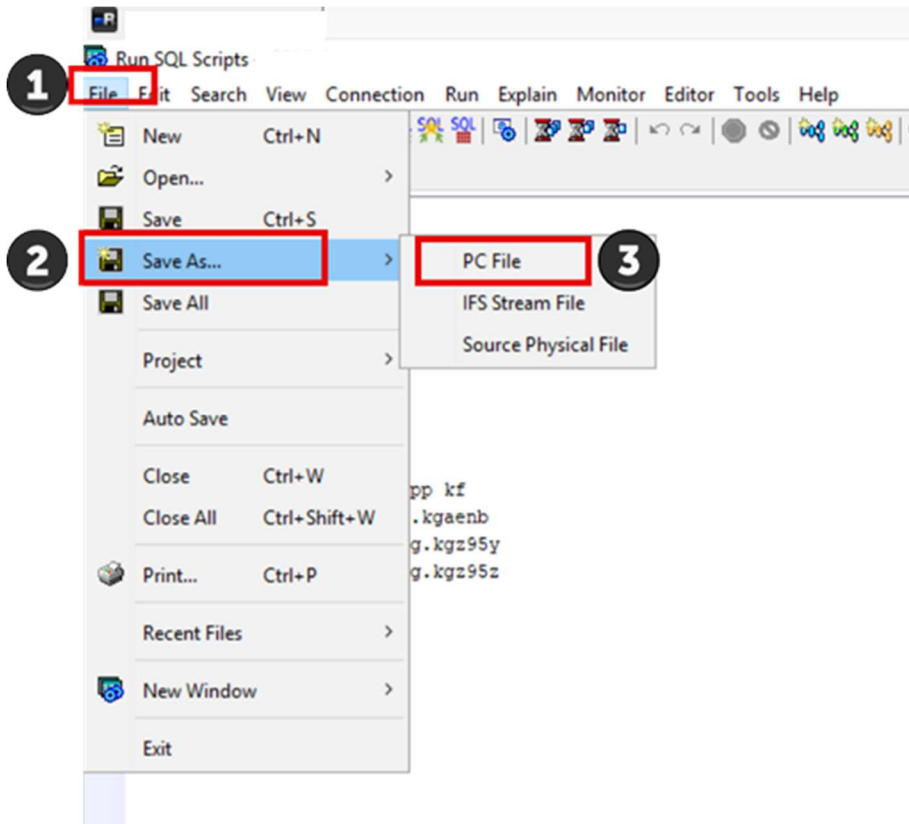
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- 4) Input file name with extension of .sql (Note you may need to navigate to the folder of where you would like to save the file)
- 5) Click **SAVE**

You will be able to open the file in the future to run the SQL script again.



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