

# IBC233 - System i Business Computing

## Lecture 12: Query/400

# Agenda

- ▶ Query/400
- ▶ Interconnectivity (file transfer)

# Query/400

## ► Report Generator Tool

- can generate printed reports, screen displays and even new database files from a single file or by joining data from up to 32 files!
- Little or no programming skill required

## ► Creates objects with the type **\*QRYDFN**

# Query/400 does the following:

- ▶ Selection and arrangement of records in a file
- ▶ Selection and placement of fields
- ▶ Specification of report breaks
- ▶ Ability to examine a report layout and preview a report
- ▶ Ability to print a report based on the contents of one or more files without programming.
- ▶ Ability to create a file based on the contents of one or more files without programming.

**To access Query/400 use the  
commands:**

**STRQRY or WRKQRY  
GO QUERY**

# Creating A Query

- ▶ Select option 1 from Work with Queries
- ▶ Enter query name and library where it is to be stored
- ▶ Press enter!

# Defining the Query

- ▶ You are presented with a list of selections. Place a 1 in the opt field beside those you want to use. The only one you must choose is File Selection.
- ▶ Choose other selections as needed for sorting, editing fields, selecting of records, defining new fields, selecting output type, etc.

# Defining Query, continued

- ▶ Specify file selections - one file or can join 2 or more files
- ▶ Define result fields - create new fields
- ▶ Select & Sequence fields - which fields do you want
- ▶ Select records - which records do you want (like LF's)
- ▶ Select sort fields - how do you want the query sorted
- ▶ Specify report column formatting - Col. Headings, spacing, etc
- ▶ Select report summary functions - counts, totals, etc
- ▶ Define report breaks - where do you want control breaks
- ▶ Select output type and output form -screen, report or file

# Query Demo

- ▶ Single File
- ▶ Multiple Files

# Helpful Tips

- ▶ Remember to hit ENTER after making your selections
- ▶ Use the ampersand (&) to indicate a space in edit words
- ▶ You can use field names in text areas by specifying the field name with an & in front of it. Eg. &DEPT Totals would yield text of Accounting Totals if DEPT was Accounting