

# IBC233 - System i Business Computing

Week 5: More on CL Programming

# Agenda

- ▶ More CL commands
- ▶ Review
- ▶ Lab 4-2



# Retrieve vs Display

- ▶ “display”
  - For interactive job
  - e.g. DSPSYSVAL QSYSLIBL
- ▶ “Retrieve”
  - For programming process

# Retrieving System Values

- ▶ Command:
  - **RTVSYSVAL**
- ▶ Keyword Notation  
**RtvSysVal SYSVAL**(QSecurity) **RTNVAR**(&Security)
- ▶ Go to Client Access for specification of system value
  - To determine the type and length of variables to hold the retrieved system value.
- ▶ To show keyword notation
  - In RDp, check "keyword"
  - In Client Access: F11

# Retrieving User Profile

## ► RtvUsrPrf

- Can retrieve more than one value of user profile at a time
- The types and lengths of variables (used to hold the values) are prompted.

## ► Syntax

- e.g. `RTVUSRPRF INLPGM(&INLPGM) OWNER(&WONER)`

# Retrieving Job Attributes

## ► RtvJobA

- To retrieve information from a running job

## ► Similar to RtvUsrPrf

- Can retrieve more than one value of user profile at a time
- The types and lengths of variables (used to hold the values) are prompted.

## ► Syntax

- e.g. `RTVJOBA USER(&USER) TYPE(&TYPE)`

# Related Commands

	Retrieve	Display	Change
<b>System Value (SYSVAL)</b>	RTVSYSVAL	DSPSYSVAL	CHGSYSVAL
<b>User Profile (USRPRF)</b>	RTVUSRPRF	DSPUSRPRF	<b>CHGPRF</b> CHGUSRPRF
<b>Job Attribute (JOBA)</b>	RTVJOBA	N/A	N/A

# Setting User Profile

## ► CHGPRF

- current library in your LIBL
- Initial program for green screen
- Initial menu for green screen

## ► CHGUSRPRF

- More parameters
- You may have no authority to use



# Sending Message

## ► SNDMSG

## ► e.g.

```
SNDMSG MSG('This is a message sent from DS233A36')  
TOUSR(DS233A36)
```

```
SNDMSG MSG(&MSG) TOUSR(&MSGQUE)
```

# iSeries Navigator vs RDp

## ► iSeries Navigator

- Come with Client Access
- provide a set of system management features for IBM i

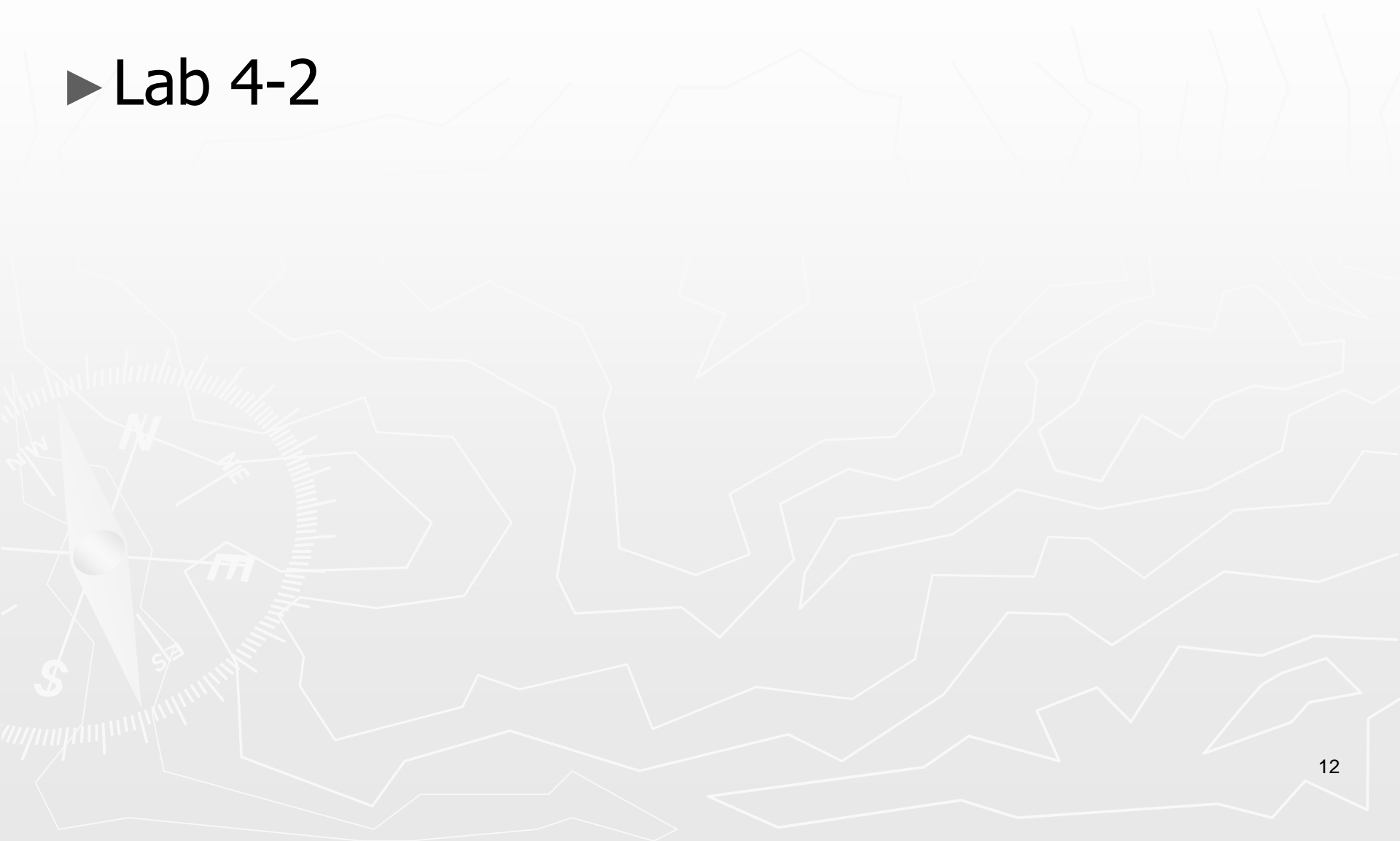
# Editcode Vs Editword

## ► Editcode

- Predefined number format
- e.g. **EDTCDE(1)**
- Lab1:  
CALL IBC233LIB/EDITCODES

# Lab 4-2

## ► Lab 4-2



# Homework

- ▶ Finish lab 4-1
  - If you finish earlier than lab time, send me email (with your userid) for evaluation
- ▶ Preparing for the test #1

# Thank You!

