

This course uses lecture and hands-on examples and exercises to introduce the more commonly used features of TSO/ISPF.

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## Audience

- Applications programmers
- End users
- Technical support

## Prerequisites

- Familiarity with the keyboard

## Course Length

- Two days

## Learning Objectives

- Be able to navigate through ISPF panels.
- Be able to allocate partitioned and sequential data sets.
- Be able to perform common edit operations such as move, copy, delete, rename.

## Teaching Methods

- Lecture
  - Hands-on workshops
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## Course Outline

QC1

### Navigation

- Logging on
- TSO vs. ISPF
- The ISPF Primary Menu
- Accessing the most commonly used panels
- Common function keys
- PFSHOW
- Logging off

### Allocating a data set

- Partitioned vs. Sequential data set
- Using panel 3.2
- Space units: tracks vs. cylinders
- Primary and secondary quantities
- Directory blocks
- Record format
- Logical record length
- Blocksize

### Creating a PDS member

- Using panel 2
- Project, group, type, member hierarchy

- RECOVERY ON
- Insert
- Creating a backup with COPY or REPLACE
- SAVE vs. CANCEL

### Working with a PDS

- Renaming a PDS or its members
- Allocating a new PDS
- Copying all members of one PDS to another PDS
- Deleting a PDS or its members
- Using panels 3.1 & 3.3

### Editing a member

- Copy (C and CC)
- Repeat (R and RR)
- Delete (D and DD)
- Move (M and MM)
- Sort

### Scrolling

- Top, [M+[F7]
- Bottom, [M+[F8]
- Scroll amount: PAGE, HALF, CSR

### Advanced editing

- Exclude (X and XX)
- Find (and use of F5)
- Change (and use of F6)
- Reset (RES)
- Column ruler (COLS)
- Numbering (RENUM, UNNUM)
- Hexadecimal editing
- CAPS ON, CAPS OFF
- Copy with overlay
- Shift left/shift right
- PROFILE

### Sequential Data Sets

- Allocate
- Copy to/from PDS members
- More with panel 3.3

### Reading Input/Output

- Locate Datasets
- List Datasets
- Use SDSF to view and purge or print output
- Reading Packed Fields

### Hands-on workshops

- Small Town Payroll
- Small Town Blood Bank
- Small Town Hardware