

Appendix
B

WORKSHOP

*Get on the
Fast Track!*



TM

**SYS-ED/
Computer
Education
Techniques, Inc.**

1 Utility Functions Programs: Getting Started

1. Use the following KSDS VSAM dataset:

Dataset Name _____
Key Length 5
Key Position 1
Organization KSDS

Record Layout

PROJECT ID	X(5)	Primary Key
PROJECT NAME	X(25)	

2. Code a program that accepts a Project ID from a dataset and displays the Project Name.
 - 2.1 Access is to be random using the primary key Project ID.
 - 2.2 There are no alternate keys on the dataset.

2 IEBGENER: Sequential Copy / Generate Dataset Program

1. Use IEBGENER to perform the following operations in multiple steps:
 - 1.1 Copy in-stream data into a new temporary sequential dataset.
 - 1.2 The dataset will have a record length of 80.
2. Print the temporary dataset created in 1.1 using IEBGENER.
3. Copy the temporary dataset into a permanent dataset.
4. Print the permanent dataset.

3 IEBCOPY: Library Copy Program

1. Use the IEBCOPY to perform the following operations:
 - 1.1 Unload the PDS _____ into a single sequential dataset.
 - 1.2 Load the unloaded dataset into a different PDS.
2. Copy all the members from PDS _____ into PDS _____.
3. Copy the first three members from PDS _____ into PDS _____.
4. Compress the PDS _____.

4 VSAM and Access Method Services

1. Use IDCAMS to perform the following operations:
2. Delete the VSAM dataset uid.MYDATA.VSAM.
 - 2.1 If it does not exist, set the condition code to zero.
3. Create the VSAM dataset uid.MYDATA.VSAM using the following attributes:

Fixed Records.
Record length 100.
Key length 9.
Key starting position in first byte.
Organization is KSDS.
Allocate 20 primary tracks with 10 secondary tracks.
4. Load the KSDS with data in _____.
5. Print the KSDS in character format.
6. Print the first two records in the KSDS in character format.
7. Print a single record based on a supplied key.

5 IEBCOMPR: Compare Datasets Program

Use IEBCOMPR to perform the following operations:

1. Determine whether the following sequential datasets are exactly the same:
Dataset1 _____
Dataset2 _____

2. Determine whether the following PDS datasets are exactly the same:
Dataset1 _____
Dataset2 _____

6 IEBTPCH: Print-Punch Program

Use IEBTPCH to perform the following operations:

1. Print the entire dataset and the entire record for dataset _____.
 - 1.1 Set the title to 'PRINTING WITH IEBTPCH'.

2. Print the entire dataset with the first 9 characters only for dataset _____.
 - 2.1 Set the title to 'PARTIAL PRINTING WITH IEBTPCH'.

3. Print a member in the PDS _____.
 - 3.1 Set the title to 'PRINTING A MEMEBR WITH IEBTPCH'.

7 SORT

1. Use SORT and IDCAMS to perform the following operations:
2. Copy the dataset _____ into a new dataset using the SORT utility.
 - 2.1. Allow the SORT utility to determine the DCB attributes.
3. Print the new dataset using IDCAMS.
4. Sort the new dataset by the first nine characters in ascending order.
5. Print the sorted dataset using IDCAMS.
6. Sort the new dataset by the first nine characters in ascending order and position 76-77 in descending order.
7. Print the sorted dataset using IDCAMS.
8. Only sort records that have an MD in columns 76-77.
 - 8.1. Sort the new dataset by the first nine characters in ascending order.