

IMS DB ONLINE TRAINING – DAY 5

EXERCISE 5.1

Lets create a Video Rental Database and load initial data from a PS file.

- Define a DBD by name VIDEODB and compile and store load in DBDLIB.
 - SEGMENT RENTAL (BYTES 24) - ROOT SEGMENT
 - - RENTER ID (04 BYTES),
 - - MOVIE NAME (20 BYTES),
 - SEGMENT RENTER (BYTES 46) – CHILD OF ROOT SEGMENT
 - - RENTER NAME (20 BYTES)
 - - ISSUE DATE (10 BYTES CCYY-MM-DD),
 - - RETURN DATE (10 BYTES CCYY-MM-DD),
 - - PAYMENT AMOUNT (05 BYTES),
 - - PAID (01 BYTE – Y/N)
- 2) Define the VSAM Datasets (ESDS/KSDS or/and ESDS/KSDS)that are required to store IMS DB

EXERCISE 5.1

PSB

- 1) Define a PSB by name VIDPSBLS with one PCB to access VIDEO DB and store load in PSBLIB
(Used in Program to Load data from a PS into Empty DB)
- 2) Define a PSB by name VIDPSBG with one PCB to access VIDEO DB and store load in PSBLIB
(Used in Program to Read data from DB and display in spool)

PS FILE

Create a PS file of length 80 bytes with first 10 bytes reserved for Segment name (to be used as an unqualified SSA) and remaining 70 bytes to store data (Segment occurrence) of that corresponding segment.

COBOL PGMS

- 1) Write a LOAD Program VIDLOAD, compile and execute. Check whether data is loaded properly through status codes or by checking in File Aid IMS.
- 2) Write a GET Program VIDGET, compile and execute. Check whether data is displayed properly in Spool.

End of Day 5