

IBM

OPERATING SYSTEM
BACKGROUND FOR PROGRAMMERS

Student Notes

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OSBP Student Notes

Contents

1. Review of OS
2. Data management topics
3. Linkage Editor
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5. Examples of catalogued procedures.
6. Problems.

References

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|---------------|-------------------------------------|--------------------------|------------|
| | Concepts and Facilities | C28 - 6535 | |
| | Data Management Services | C28 - 6646 | |
| | Job Control Language | C28 - 6539 | |
| | Linkage Editor & Loader | C28 - 6538 | |
| | Utilities | C28 - 6586 | |
| | Operator's Guide | C28 - 6540 | |
| | MFT Guide | C27 - 6939 | |
| | COBOL (E) Programmer's Guide | C24 - 5029 | |
| | COBOL (F) Programmer's Guide | C28 - 6380 | |
| | ANS COBOL Programmer's Guide | C28 - 6399 | |
| | PL/I (F) Programmer's Guide | C28 - 6594 | |
| | FORTRAN IV (E) Programmer's Guide | C28 - 6603 | |
| | FORTRAN IV (G&H) Programmer's Guide | C28 - 6817 | |
| Release 19 | { | Job Control User's Guide | C28 - 6703 |
| | | Job Control Reference | C28 - 6704 |
| | | Operator's Reference | C28 - 6691 |

Course Objectives

Upon successful completion of the course the student should be able to:

Describe briefly the differences between PCP, MFT and MVT

Describe briefly the following components or features of OS: Reader, Writer, Initiator, job queue, class, priority, link library, procedure library, catalogue, VTOC, generation and data group

Code those JCL parameters commonly required for compiling, linking and executing programs in an OS environment

Use and temporarily modify catalogued procedures

Describe the DD cards required for the Linkage Editor and explain the meaning and use of the following control statements: INCLUDE, LIBRARY, ENTRY, OVERLAY, INSERT

Describe at least three utility programs and recognise their simpler control statements and have used at least one in practice