**JCL**

**interview Questions**

<http://www.allinterview.com/showanswers/110167.html>

http://www.sauravkumar.com/mainframe/jcl/

<http://www.mainframes360.com/2009/06/jcl-tutorial-06-exec-statement-part-ii_28.html>

**http://ibmmainframes.com/about15051.html**

**Jcl copy one PDS to another**

<http://ibmmainframes.com/about3454.html>

<http://www.ibmmainframes.com/about18101.html>

<http://ibmmainframes.com/about38230.html>

<http://www.ibmmainframe.cn/lesson-learn/hints-tips/>

**JCL COMPILE CODE**

https://sites.google.com/site/cobolmaterial/compile-jcl-s

**abend codes**

http://mainframetutorials.com/abends.html

<http://mainframe-wiki.blogspot.in/2011/07/jcl-error-codes-and-abends.html>

[**http://www.mainframes360.com/2009/07/space-abends-sb37-d37-e37.html**](http://www.mainframes360.com/2009/07/space-abends-sb37-d37-e37.html)

[**https://sites.google.com/site/indusitfactory/**](https://sites.google.com/site/indusitfactory/)

[**http://mainframematerials.blogspot.in/2007/09/abends.html**](http://mainframematerials.blogspot.in/2007/09/abends.html)

<http://creative.sulekha.com/jcl-abend-codes_292216_blog>

**abend rESOLUTION**

<http://www.mainframe-tricks-and-tips.in/2011/12/jcl-how-to-fix-b37-abend.html>

<http://ibmmainframes.com/about4431.html>

<http://publib.boulder.ibm.com/infocenter/zvm/v5r4/index.jsp?topic=/com.ibm.zos.r9.ceea900/cobes.htm>

<http://www.tachyonsoft.com/tos10.htm>

<http://en.wikipedia.org/wiki/IBM_System/360_architecture#Exponent_overflow_exception>

<http://www.mainframetips.com/zos-abend-s0c7-data-exception-error-in-file-record/>

<http://en.wikipedia.org/wiki/IBM_System/360_architecture#Exponent_overflow_exception>

**JCL BASICS**

<http://mainframeibm.blogspot.in/2009/04/job-card-parameters-jcl.html>

<http://www.simotime.com/jclone01.htm>

<http://www.mainframe-tricks-and-tips.in/2011/12/file-aid-insert-record-after-particular.html>

<http://support.microfocus.com/documentation/books/mx20books/coutil.htm>

<http://www.mvsforums.com/helpboards/viewtopic.php?printertopic=1&t=12055&start=0&postdays=0&postorder=asc&vote=viewresult&sid=7263f12f1776e1947f7338e3302a102e>

<http://ibmmainframes.com/post-58675.html>

<http://www.oocities.org/venu_gopal_eee/jcl.html>

http://www.simotime.com/jclprc01.htm

<http://www.umsl.edu/~pratte/ba209/lectures/jcl.htm>

**Imp Guide**

**http://publibfp.dhe.ibm.com/cgi-bin/bookmgr/BOOKS/iea2a890/CCONTENTS**

[**http://mainframetutorials.com/programming/programming.jcl.html**](http://mainframetutorials.com/programming/programming.jcl.html)

<http://mainframeopenbook.com/Content/JCL/Tutorial.html>

http://mainframematerials.blogspot.in/2007/09/jcl-faqs\_21.html

**B92 JOB**

<http://ibmmainframes.com/about51474.html>

**Sort**

<http://www.mainframegurukul.com/srcsinc/drona/programming/languages/jcl/jcl.sort.html>

<http://www.simotime.com/jclscn01.htm>

<http://endway.50webs.com/blog/2006/02/sort-merge.html>

<https://sites.google.com/site/cobolmaterial/sort-utility-tutorial>

<http://www.mvsforums.com/helpboards/viewtopic.php?p=57706>

http://publib.boulder.ibm.com/infocenter/zos/v1r11/index.jsp?topic=/com.ibm.zos.r11.iceg200/ice1cg4028.htm

<http://www.mainframes360.com/2009/07/formatting-output-records-dfsort.html>

<http://www.gatorspit.com/tips/jcl-sort-omit.html>

<http://www.mainframegurukul.com/ibmmainframeforums/viewtopic.php?t=1150>

<http://endway.50webs.com/blog/2006/02/sort-merge.html>

<http://www.mainframegurukul.com/srcsinc/drona/programming/languages/jcl/jcl.sort.html>

<http://legacymainframe.wordpress.com/2008/04/14/dfsort-tips-to-add-whole-number-with-fractional-number/>

<http://publib.boulder.ibm.com/infocenter/zos/v1r12/index.jsp?topic=%2Fcom.ibm.zos.r12.iceg200%2Fice1cg5023.htm>

<http://www.mvsforums.com/helpboards/viewtopic.php?t=1980>

http://www.mvsforums.com/helpboards/viewtopic.php?p=10476&sid=92dc263a8a6761664f97593fc1da85dd

**http://publib.boulder.ibm.com/infocenter/zos/v1r11/index.jsp?topic=/com.ibm.zos.r11.icea100/ice1ca4042.htm**

**http://www.ibmmainframes.com/about61327-0-asc-0.html**

<ftp://ftp.software.ibm.com/storage/dfsort/mvs/sorttrck.pdf>

[**http://mainframewizard.com/content/sort-tips-and-tricks-and-examples**](http://mainframewizard.com/content/sort-tips-and-tricks-and-examples)

**Utilities**

<http://www.mainframegurukul.com/tutorials/database/db2_tutorials/IKJEFT01-utility.html>

http://www.mvsforums.com/helpboards/viewtopic.php?p=10235&sid=8ad1023193463e90e0426634620b693f

<http://support.microfocus.com/documentation/books/mx20books/coutil.htm>

<http://en.wikipedia.org/wiki/IBM_mainframe_utility_programs>

**FDRcopy-**

http://www.fdr.com/products/fdrabr/

<http://uits.arizona.edu/operations-center/ibm_admin_computer/utilities/fdr>

<http://ibmmainframes.com/about35468.html>

**fdrabr**

<http://www.fdr.com/products/fdrarc/technical.cfm>

**http://www.lascon.co.uk/fdrabr-backups.php**

[**https://en.wikipedia.org/wiki/IBM\_mainframe\_utility\_programs**](https://en.wikipedia.org/wiki/IBM_mainframe_utility_programs)

**FileAid**

[**http://www.mainframegurukul.com/ibmmainframeforums/Frequently-used-commands-in-FileAid-post3669.html**](http://www.mainframegurukul.com/ibmmainframeforums/Frequently-used-commands-in-FileAid-post3669.html)

**Submit JCL From Cobol**

<http://www.mainframegurukul.com/ibmmainframeforums/Submit-a-JCL-thru-Cobol-sysout-INTRDR-post37.html>

1335837

**Submit JCL FromJCL**

<http://www.simotime.com/intrdr01.htm>

**Loops in JCL**

<http://www.ibmmainframeguru.com/ibmmainframeforums/viewtopic.php?p=6049&sid=d7babaefd6a32df8e10634b5b9870a93>

http://www.mainframegurukul.com/srcsinc/drona/programming/languages/jcl/jcl.chapter10.html

**gdg**

http://www.allinterview.com/showanswers/103583.html

http://www.simotime.com/gdgone01.htm

<https://sites.google.com/site/indusitfactory/jcl-interview-questions>

**JCL COBOL**

http://www.ibmmainframes.com/about59987.html

**DYNAMICJCL**

<http://documentation.softwareag.com/natural/nop531/ug/dynamic_0240.htm#What_Is_Dyn_JCL_Gen>

**http://mainframewizard.com/content/jcl-submit-particular-steps-another-jcl-using-iebeditNDM in JCL**

<http://ibmmainframes.com/about5700.html>

<http://en.wikipedia.org/wiki/Connect:Direct>

<http://www.mainframe-tricks-and-tips.in/2011/12/utilities-transfer-dataset-from-one.html>

<http://mainframewizard.com/content/ndm-stats-batch>

http://social.msdn.microsoft.com/Forums/en/sqlintegrationservices/thread/accdb29b-1ade-4518-8a68-b4e22b6c9698

**space RELATED**

http://mainframe-tips-and-tricks.blogspot.in/2011/12/jcl-extent-in-in-space-parameter.html

**Remove duplicates**

<http://www.mainframegurukul.com/ibmmainframeforums/Count-number-of-duplicate-records-post6021.html>

<http://ibmmainframes.com/viewtopic.php?t=124&start=0>

<http://ibmmainframeforum.com/viewtopic.php?f=28&t=4011>

<http://www.allinterview.com/showanswers/36961.html>

<http://www.mainframe-tricks-and-tips.in/2011/12/sort-to-eliminate-all-duplicates.html>

<http://www.mainframe-tricks-and-tips.in/2011/12/sort-writing-duplicate-records-into.html>

<http://www.ibmmainframeguru.com/ibmmainframeforums/viewtopic.php?p=9656&sid=ff111bf444bd9427750463a78f73240e>

<http://mainframesvilla.blogspot.in/2012/01/how-to-count-number-of-duplicate.html>

http://www.ibmmainframeguru.com/ibmmainframeforums/viewtopic.php?p=9732&sid=fecd16b14b66d45dc4f192f86c2e97d1

**Backup of datasets**

<http://mainframesvilla.blogspot.in/2012/01/backup-and-restore-from-dasd-mainframe.html>

<http://www.mainframes360.com/2009/07/ibm-utilities-tutorial-02-iebcopy.html>

**recover deleted datasets**

<http://www.mainframe-tricks-and-tips.in/2011/12/recover-deleted-datasets.html>

**JCl Code snippets**

<http://docweb.cns.ufl.edu/docs/d0071/ar09.html>

<https://heirloomcomputing.zendesk.com/entries/21640412-JCL-Examples>

**CICs**

<https://groups.google.com/forum/#!topic/bit.listserv.vse-l/7guYJQsLGTA>

<http://ibmmainframes.com/post-39690.html>

<http://ibmmainframes.com/about1170.html>

<http://pic.dhe.ibm.com/infocenter/cicsts/v4r1/index.jsp?topic=%2Fcom.ibm.cics.ts.doc%2Fdfha7%2Ftransactions%2Fcemt%2Fdfha74n.html>

http://publib.boulder.ibm.com/infocenter/cicsts/v3r2/index.jsp?topic=%2Fcom.ibm.cics.ts.doc%2Fdfht2%2Ftopics%2Fdfht2c00220.html

**Waiter**

<http://bit.listserv.vse-l.narkive.com/o5NE3euY/jcl-job-sleep-or-wait>

<http://www.mvsforums.com/helpboards/viewtopic.php?p=28509>

<http://www.mvsforums.com/helpboards/viewtopic.php?t=2008&highlight=delay>