THE COMPLETE JOB CONTROL LANGUAGE COURSE

www.MainframeNation.com

Course Overview

- 24 Sections
- 103 Lectures
- Over 8 hours of content
- 50 + JCL programs
- 1 Electronics Mainframe Project: Mainframe Pi
- Presentation and code used in the course are attached

Topics Covered

Section 1: Introduction to the Course
Section 2: What is JCL?
Section 3: Statements
Section 4: Execution of JCL program
Section 5: Defining Datasets
Section 6: Generation Data Groups (GDG)
Section 7: Libraries
Section 8: Procedures
Section 9: Conditional Processing in JCL
Section 10. SORT
Section 11. SORT: Including or Omitting records
Section 12. JOINKEYS in SORT
Section 13. Reformatting records using SORT
Section 14. Create multiple output datasets using SORT
Section 15. Utilities
Section 16: IEBCOPY - Library Copy Utility
Section 17: IEHLIST - List System Data Utility
Section 18: IEHPROGM - Program Maintenance Utility
Section 19: IEBEDIT Edit Job Stream Utility
Section 20: IEBPTPCH - Print Punch Utility
Section 21: IEBGENER - (Sequential Copy/Generate Data set) Utility
Section 22: Transferring Files between Mainframe and your Personal Computer
Section 23: Install MVS on Raspberry Pi
Section 24: Guide to use a Mainframe on your Personal Computer!!!

All the lectures

Section 1: Introduction to the Course
Lecture 1: Syllabus Download
Lecture 2: JCL Programs used in the course

Section 2: What is JCL?
Lecture 3: Batch Processing
Lecture 4: JCL Overview
Lecture 5: JCL Syntax
Lecture 6: Allocating a Dataset to write our JCL

Section 3: Statements
Lecture 7: JOB Statement
Lecture 8: EXEC statement
Lecture 9: DD statement

Section 4: Execution of JCL program
Lecture 10: Lets run our first JCL
Lecture 11: Job Processing
Lecture 12: Return Codes
Lecture 13: SDSF in z/OS

Section 5: Defining Datasets
Lecture 14: Create a PS dataset
Lecture 15: Create a PDS dataset
Lecture 16: Delete a PS/PDS dataset

Section 6: Generation Data Groups (GDG)
Lecture 17: GDG Overview
Lecture 18: Create a GDG
Lecture 19: Alter a GDG
Lecture 20: Referencing a GDG
Lecture 21: Delete a GDG generation
Lecture 22: Delete a GDG

Section 7: Libraries

Lecture 23: JOBLIB
Lecture 24: STEPLIB
Lecture 25: JCLLIB

Section 8: Procedures

Lecture 26: In Stream Procedures
Lecture 27: Symbolic Parameters
Lecture 28: Cataloged Procedure and Nested Procedure
Lecture 29: SET Statement
Lecture 30: Overriding Datasets

Section 9: Utilities

Lecture 31: What are Utilities?
Lecture 32: IEBCOMPR - Compare Datasets Utility

Section 10: IEBCOPY - Library Copy Utility

Lecture 33: What is IEBCOPY?
Lecture 34: Copy one PDS to another PDS
Lecture 35: Merge PDS
Lecture 36: Selective copy using the SELECT statement
Lecture 37: EXCLUDE members while copying
Lecture 38: Compress a PDS
Lecture 39: Rename or Replace a member while copying

Section 11: IEHLIST - List System Data Utility

Lecture 40: LIST a PDS
Lecture 41: LIST a VTOC

Section 12: IEHPROGM - Program Maintenance Utility

Lecture 42: Scratch a Dataset
Lecture 43: Uncatalog a Dataset
Lecture 44: Scratch a PDS member

Section 13: IEBEDIT Edit Job Stream Utility

Lecture 45: Copy entire JOB
Lecture 46: Copy multiple JOBs
Lecture 47: Copy Steps using INCLUDE
Lecture 48: Copy Steps using EXCLUDE
Lecture 49: Copy Steps using POSITION

Section 14: IEBPTPCH - Print Punch Utility

Lecture 50: Print a PS dataset
Lecture 51: Print a PDS dataset

Section 15: IEBGENER - (Sequential Copy/Generate Data set) Utility

Lecture 52: Copy a PS dataset
Lecture 53: Merge PS datasets
Lecture 54: Copy Merge PDS members
Lecture 55: Copy between PS and PDS members
Lecture 56: Generate PDS member while copying

Section 16: Transferring Files between Mainframe and your Personal Computer

Lecture 57: Downloading Files from a Mainframe Computer
Lecture 58: Uploading Files to a Mainframe Computer

Section 17: Install MVS on Raspberry Pi

Lecture 59: Hardware required
Lecture 60: Software required
Lecture 61: Installing NOOBS on the SD card
Lecture 62: Booting up the Raspberry Pi
Lecture 63: Finishing up the setup
Lecture 64: Install MVS on raspberry Pi
Lecture 65: c3270 Terminal Emulation Installation
Lecture 66: Booting up MVS and Logging on to TSO
Lecture 67: Connecting to Raspberry Pi using VNC server

Section 18: Guide to use a Mainframe on your Personal Computer!!!

Lecture 68: Tools we will need
Lecture 69: Installation of the Software
Lecture 70: Booting up MVS and logging on to TSO
Lecture 71: Logging on to TSO when login screen does not appear
Lecture 72: Logoff from TSO and Shutting down the MVS
Lecture 73: Connect to a Company's Mainframe
Lecture 74: Getting access to an IBM Mainframe
Lecture 75: Connect to a Company's Mainframe
Lecture 76: Bonus Lecture: Coupon for my courses

About Me

My name is Abhishek Rathi. I am a Mainframe Developer and an Electronics & Communications Engineer.

My Mainframe experience involves COBOL, CICS, JCL, TSO, ISPF, VSAM, DB2 SQL.

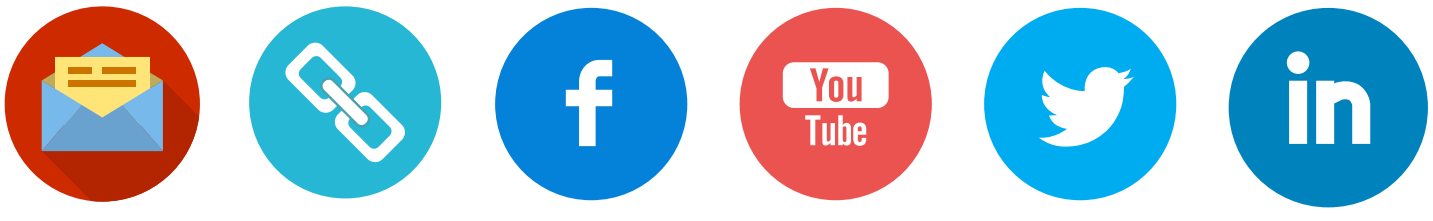
I published my first Udemy course on Jan 2017. There were no courses about Mainframes on Udemy at that time.

I have since released 5 courses on Mainframes. Over the time the content of all these 5 courses has been consolidated into 2 courses.

The first course titled TSO/ISPF is meant for those who have no knowledge about Mainframes and want to have a head start in this field. It covers TSO/ISPF and other Mainframe Technologies like JCL, VSAM, CICS, COBOL. The second course covers JCL in detail.

All my courses are hands-on practical training.

You can get in touch with me using the below medium:



My Courses

My BESTSELLER courses:

The Complete Mainframe Professional Course :...

Abhishek Rathi

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~~$194.99~~ $11.99

ENROLL

The Complete JCL (Job Control Language) Course

Abhishek Rathi

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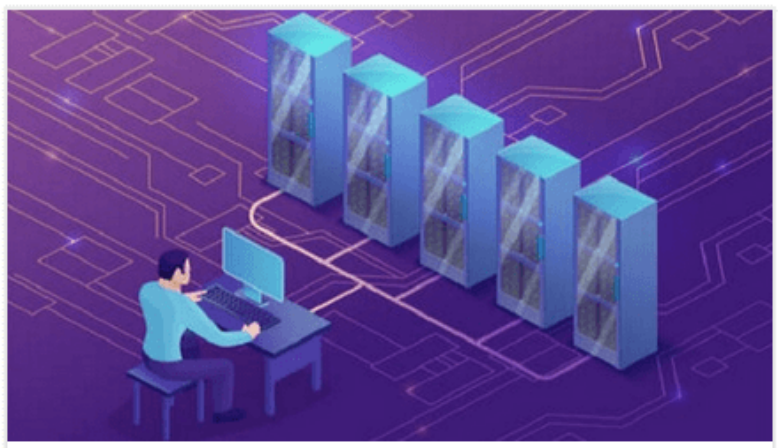
~~$194.99~~ $11.99

ENROLL

My FREE courses:



A Basic Introduction to JCL - Job Control Language

Abhishek Rathi

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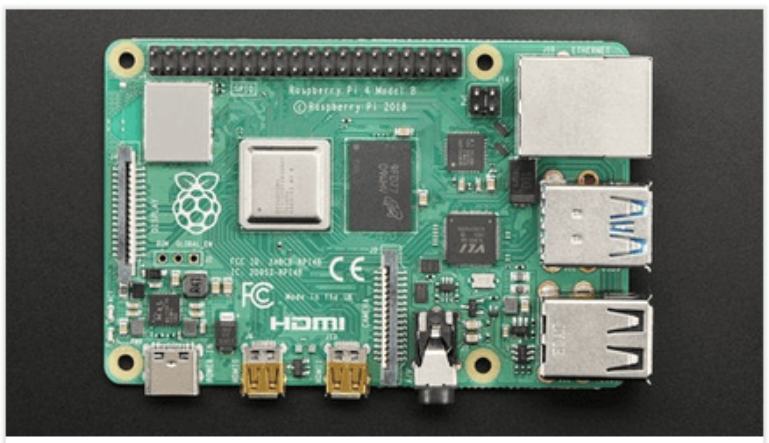

Mainframe Pi: Turn your Raspberry Pi into a...

Abhishek Rathi

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