



	Lab Sessions	<ul style="list-style-type: none"> <li>• IEHLIST, IDCAMS, REPRO, PRINT, CONCATENATION, IEBTPCH,</li> </ul> <b>Writing JCL for SORT, MERGE, REPRO, PRINT, CONCATENATION</b>
<b>JCL-DAY3</b>	Class Room Sessions  Lab Sessions	<ul style="list-style-type: none"> <li>• Referback</li> <li>• IEHPRGM, LISTPDS, INCLUDE, SET,</li> <li>• PROCEDURE (Instream &amp; Catalog)</li> <li>• Overriding, Symbolic Parameter</li> <li>• GDG</li> <li>• Modal Commands IF ELSE, MAXCC, LASTCC</li> </ul> <b>Writing JCL on Instream and catalog procedure, Symbolic parameter, Creation of GDG and Modal Commands</b>
<b>COBOL-DAY1</b>	Class Room Sessions  Lab Sessions	<ul style="list-style-type: none"> <li>• Intro, Coding Sheet</li> <li>• DIVISION</li> <li>• SECTION</li> <li>• PARAGRAPH</li> <li>• SENTENCE</li> <li>• STATEMENT</li> <li>• DISPLAY, ACCEPT</li> <li>• ADD, MULTIPLY, SUBSTRACT, DIVIDE</li> <li>• COMPUTE, MOVE, MOVE CORR</li> <li>• Explanation on RUN JCL and COMPILE JCL</li> </ul> <b>Writing simple programs using above statements</b>
<b>COBOL-DAY2</b>	Class Room Sessions  Lab Sessions	<ul style="list-style-type: none"> <li>• Edited Clause</li> <li>• PARM passing</li> <li>• VALUE, INITIALIZE</li> <li>• REDEFINE</li> <li>• RENAME</li> <li>• USAGE</li> <li>• EVALUATE</li> <li>• PERFORM Statements</li> </ul> <b>Writing Programs with above statements</b>
<b>COBOL-DAY3</b>	Class Room Sessions  Lab Sessions	<ul style="list-style-type: none"> <li>• Sequential File processing</li> <li>• OPEN, CLOSE, READ, WRITE</li> <li>• INPUT, OUTPUT, EXTEND, I-O,</li> <li>• FILLER</li> <li>• REPORT Generation with HEADER and FOOTER</li> </ul> <b>Writing programs with Report TYPE, Opening FILE in different MODE</b>

<b>COBOL- DAY4</b>	Class Room Sessions  <b>Lab Sessions</b>	<ul style="list-style-type: none"> <li>• Index File Handling ( KSDS / ESDS / RRDS)</li> <li>• Access SEQUENTIAL, RANDOM, DYNAMIC</li> </ul> <b>Writing programs on Index file of KSDS / ESDS / RRDS</b>
<b>COBOL- DAY5</b>	Class Room Session  <b>Lab Sessions</b>	<ul style="list-style-type: none"> <li>• AIX Handling with UNIQUE / NON-UNIQUE key</li> <li>• CONTROL BREAK( SINGLE &amp; DOUBLE)</li> </ul> <b>Writing program accessing index file with Alternate key and Control break</b>
<b>COBOL- DAY6</b>	Class Room Sessions  <b>Lab Sessions</b>	<ul style="list-style-type: none"> <li>• SORT, MERGE</li> <li>• Selective SORT</li> <li>• SUB-ROUTINE <ul style="list-style-type: none"> <li>1. ( Call By Reference, Call By Content)</li> </ul> </li> <li>• STATIC and DYNAMIC CALL</li> </ul> <b>Writing program on SORT, MERGE and SUB-ROUTINE</b>
<b>COBOL- DAY7</b>	Class Room Sessions  <b>Lab Sessions</b>	<ul style="list-style-type: none"> <li>• TABLE HANDLING(Single &amp; Multiple),</li> <li>• TABLE SEARCH ( Linear and Binary)</li> </ul> <b>Writing TABLE program and SEARCH and SEARCH ALL for table look-up</b>
<b>COBOL- DAY8</b>	Class Room Sessions  <b>Lab Sessions</b>	<ul style="list-style-type: none"> <li>• STRING HANDLING ( STRING, UNSRTING, INSPECT,</li> <li>• FILE BALANCING ( Master File &amp; Transaction file Using GDG)</li> </ul> <b>Writing Program on STRING Handling and Master and Transaction Program</b>
<b>VSAM- DAY1</b>	Class Room Sessions	<ul style="list-style-type: none"> <li>• VSAM Organization</li> <li>• OS CVOLS, VSAM CATALOGS</li> <li>• KSDS, ESDS, RRDS, LDS</li> <li>• Control Interval</li> <li>• Control Area</li> <li>• CI SPLIT</li> <li>• CA SPLIT</li> <li>• Buffer</li> </ul>



<p><b>DB2-DAY2</b></p>	<p><b>Lab Room Sessions</b></p> <p>Class Room Sessions</p>	<ul style="list-style-type: none"> <li>• Columns</li> <li>• Data Types</li> <li>• SQL and its Components</li> </ul> <p><b>SQL BASICS</b></p> <ul style="list-style-type: none"> <li>• SQL Queries</li> <li>• Selecting Data from Table <ul style="list-style-type: none"> <li>• SELECT and FROM clauses</li> <li>• The WHERE clause</li> <li>• Different Predicates</li> <li>• DB2 Specific Operators</li> <li>• Pattern Matching</li> </ul> </li> <li>• Performing Arithmetic between Columns</li> <li>• NULL values</li> <li>• Scalar Functions</li> <li>• Date &amp; Time Formats</li> <li>• Date &amp; Time Functions</li> <li>• String Functions <ul style="list-style-type: none"> <li>• Concatenation</li> </ul> </li> <li>• Numeric Functions</li> <li>• Column or Aggregate Functions</li> <li>• Counting in DB2 Tables</li> <li>• The GROUP BY clause</li> <li>• The HAVING clause</li> <li>• The ORDER BY clause</li> </ul> <p><b>SUB- QUERIES AND CORRELATED QUERIES</b></p> <ul style="list-style-type: none"> <li>• Sub-Selects and their Application</li> <li>• Nesting Sub-Selects</li> <li>• Correlated Sub-Select</li> </ul> <p><b>JOINING DB2 TABLES TOGETHER</b></p> <ul style="list-style-type: none"> <li>• Selecting Data from more than One Table</li> <li>• Inner Join</li> <li>• Outer Join</li> <li>• Left Outer Join</li> <li>• Right Outer Join</li> <li>• The VALUE function</li> <li>• DISTINCT Keyword</li> <li>• UNION Keyword</li> <li>• VIEW Keyword <ul style="list-style-type: none"> <li>• Security using Views</li> <li>• Accessing Views</li> <li>• Updating Views</li> </ul> </li> <li>• Security Levels</li> </ul>
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<p style="color: red; text-align: center;"><b>DB2-DAY3</b></p>	<p style="text-align: center;"><b>Lab Room Sessions</b></p> <p style="text-align: center;">Class Room Sessions</p>	<ul style="list-style-type: none"> <li>• GRANT Statement</li> <li>• REVOKE Statement</li> </ul> <p><b>DB2 Objects</b></p> <ul style="list-style-type: none"> <li>• Table Spaces , Storage Group</li> <li>• Index , View , Plan</li> <li>• Creating and Deleting Objects - CREATE &amp; DROP Statement</li> <li>• Protecting tables from DROP</li> <li>• The System Catalog</li> </ul> <p><b>UPDATING DATA IN A TABLE</b></p> <ul style="list-style-type: none"> <li>• Modifying Data in a Table <ul style="list-style-type: none"> <li>• UPDATE Statement</li> <li>• DELETE Statement</li> <li>• INSERT Statement</li> </ul> </li> <li>• Restricting the Rows being updated</li> <li>• Updating Multiple Columns</li> <li>• Setting Columns to NULL</li> <li>• Setting Columns to a Value</li> </ul> <p><b>INSERTING DATA INTO A TABLE</b></p> <ul style="list-style-type: none"> <li>• INSERT Statement</li> <li>• Inserting NULL Values</li> <li>• Inserting Default Values</li> <li>• User Defined Defaults</li> <li>• Inserting Values from another Table</li> <li>• Inserting Multiple Rows</li> </ul> <p><b>DELETING ROWS FROM A TABLE</b></p> <ul style="list-style-type: none"> <li>• DELETE Statement</li> <li>• Restricting the Delete</li> <li>• Programming Suggestions for Deleting</li> <li>• Empty Tables</li> </ul> <p><b>EMBEDDING SQL IN AN APPLICATION PROGRAM</b></p> <ul style="list-style-type: none"> <li>• Planning</li> <li>• Testing the SQL Interactively</li> <li>• Precompile</li> <li>• Compile</li> <li>• Bind</li> <li>• Link</li> <li>• Execution of a DB2 Program</li> </ul>
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<p><b>DB2-DAY4</b></p>	<p>Lab Room Sessions</p> <p>Class Room Sessions</p>	<p><b>MANIPULATING DATA AND FROM A TABLE</b></p> <ul style="list-style-type: none"> <li>• The SQLCA</li> <li>• The DCLGENs</li> <li>• Handling Exceptional Conditions <ul style="list-style-type: none"> <li>• SQLCODE</li> <li>• WHENEVER Statement</li> </ul> </li> <li>• EXEC SQL Statement</li> <li>• Host Variables</li> <li>• INTO Statement</li> <li>• NULL Indicator</li> <li>• Selecting One Row</li> </ul> <ul style="list-style-type: none"> <li>• Selecting and Returning Multiple Rows <ul style="list-style-type: none"> <li>• The CURSOR Statement</li> <li>• DECLARE, OPEN, FETCH &amp; CLOSE the Cursor</li> <li>• Check for NULL Values</li> <li>• The UPDATE Statement</li> <li>• Cursor controlled Updates</li> <li>• Cursor controlled Deletes</li> </ul> </li> </ul>
<p><b>DB2-DAY5</b></p>	<p>Lab Room Sessions</p> <p>Class Room Sessions</p>	<p><b>REFERENTIAL INTEGRITY</b></p> <ul style="list-style-type: none"> <li>• Using DB2 RI Facilities</li> <li>• Primary and Foreign Keys</li> <li>• Cascade Deletes and Updates <ul style="list-style-type: none"> <li>• ON DELETE Statement</li> <li>• Restrict, Cascade and Set Null options</li> <li>• UPDATE Statement</li> </ul> </li> </ul> <p><b>DYNAMIC SQL</b></p> <p><b>ADVANCED DB2 ( Introduction)</b></p> <ul style="list-style-type: none"> <li>• DRDA</li> <li>• Stored Procedures</li> <li>• Roles of Client &amp; Server</li> <li>• Scrollable Cursors</li> <li>• Insensitive cursors</li> <li>• Sensitive cursors</li> <li>• User define Function</li> <li>• Trigger</li> </ul>
<p><b>CICS - DAY1</b></p>	<p>Class Room Sessions</p>	<p><b>INTRO TO CICS</b></p>





	<b>Lab Sessions</b>	<ul style="list-style-type: none"> <li>• File Accessing thru AIX</li> <li>• VSAM KSDS , ESDS, RRDS</li> </ul> <p><b>Program Using AIX</b></p>
<b>CICS - DAY5</b>	Class Room Sessions	<p><b>TSQ &amp; TDQ</b></p> <ul style="list-style-type: none"> <li>• Accessing DB2 Tables thru CICS</li> <li>• CICS Abends and their interpretation</li> </ul>
	<b>Lab Sessions</b>	TSQ & TDQs & Accessing From DB2 table