

## DB2 Application programming

- *Combines the power of SQL & programming language*
- *Connect to database*
- *Perform transaction*
- *Disconnect from database*
- *End the program*

## File processing vs DB2 processing

<b>DB2 Programming Considerations</b>	<b>Flat File Programming Considerations</b>
<i>No FD required. DB2 tables must be declared</i>	<i>FD required</i>
<i>No DD card needed</i>	<i>DD card needed</i>
<i>DB2 tables need not be opened; instead, cursors are opened for each SQL statement</i>	<i>Flat files must be opened before being processed</i>
<i>DB2 tables need not be closed; instead, cursors are closed for each SQL statement</i>	<i>Flat files must be closed</i>
<i>Set level processing</i>	<i>Row level processing</i>
<i>No more data indicated by +100 SQL</i>	<i>End of file indicated by end of file</i>

# Db2 For Application Programmers

**Lei Shi**



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web the gas constant  $r = 8.314 \text{ J mole}^{-1} \text{ K}^{-1}$  for freon 404a  $r = 0.0852 \text{ kJ kg}^{-1} \text{ K}^{-1}$  one atmosphere 101 325 kpa reference point for enthalpy and entropy  $h_f = 200 \text{ kJ kg}^{-1}$  at  $0^\circ \text{C}$   $s_f = 1 \text{ kJ kg}^{-1} \text{ K}^{-1}$  at  $0^\circ \text{C}$  freon 404a refrigerant r

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