

Fortran Programs for Ludwig's Applied Process Design for Chemical and Petrochemical Plants  
Volume 2, 4<sup>th</sup> Edition by A. Kayode Coker

	Program Names	Data File	Fortran Code	Executable Code	Results
1	Dew and Bubble Points Calculations	Data101.dat	Prog101.for	Prog101.exe	RES101.res
2	Multicomponent Equilibrium Flash Calculations	Data102.dat	Prog102.for	Prog102.exe	RES102.res
3	Equilibrium Number of Stages using Smoker's Equation	Data103.dat	Prog103.for	Prog103.exe	RES103.res
4	Multicomponent Distillation by Yaw's Method	Data104.dat	Prog104.for	Prog104.exe	RES104.res
5	Tower Design For Valve Trays	Data105.dat	Prog105.for	Prog105.exe	RES105.res
6	Gas Dryer (Dehydrations ) Design	Data113.dat	Prog113.for	Prog113.exe	RES113.res
7	Packed Tower Design	Data141.dat	Prog141.for	Prog141.exe	RES141.res