This chart provides an overview of the program interface displayed by the command line.

Interface		Description
Step 1: Input Feed Chemical Composition Enter Chemical Component 1: methanol		Enter the names of each component in the mixture.
Would You Like To Add Another Chemical Component? yes		The name must be the component's IUPAC name.
Enter Chemical Component 2: ethanol		Misspelled or incorrect names will result in the
Would You Like To Add Another Chemical Component? yes Enter Chemical Component 3: 1-propanol		program being unable to find antoine coefficients for
Would You Like To Add Another Chemical Component? yes Enter Chemical Component 4: 1-butanol		that component.
Would You Like To Add Another Chemical Component? no		
How Many Moles Are Fed To The Column: 100 What Fraction Of The Feed Is 1-butanol : .35 What Fraction Of The Feed Is 1-propanol : .15 What Fraction Of The Feed Is ethanol : .20 What Fraction Of The Feed Is methanol : .30 Is this a flash system: yes		The program will ask for: 1) Each component's molar fraction of the mixture 2) The operating pressure and percentage of feed vaporized If this is a flash system a Rachford-Rice Model will be run. Additional models can also be chosen. 3) Desired product specification of the distillation 4) A reflux ratio. If no reflux ratio is provided, 1.4X the minimium reflux ratio will be used (distillation heuristic)
What Is The Total Pressure Of The System: 760 Is This Pressure In mmHg? yes What Fraction Of The Feed Vaporized : .4		
Would You Like To Analysis This System Using Another Model? yes Would You Like To Remodel The System As A Fractional Distillation System? yes What Is The Light Key? methanol What Fraction Of methanol Is Recovered In The Distillate? .95 What Is The Heavy Key? ethanol What Fraction Of ethanol Remains In The Bottoms? .95 Would You Like To Use The Same Total System Pressure Used In The Flash Calculation? yes What Is The Value Of q? 1.10 You Can Input A Reflux Ratio OR Use 1.4X The Minimium Reflux Ratio Would You Like To Input A Reflux Ratio? yes What Is Your Reflux Ratio? 3.0 Would You Like To Analysis This System Using Another Model? no		
FLASH DISTILLATION RESULTS USING EQUILIBRIUM AND RACHFORD-RICE Equilibrium Results		The results of each model run by the program will
Temperature Results Dew Temperature : 99.65 Celsius		print out.
Boiling Temperature: 82.79 Celsius Chemical : Liquid	Vapor	
1-butanol : 0.69 1-propanol : 0.14	0.09 0.08	
ethanol : 0.09 methanol : 0.09	0.24 0.59	
Rachford-Rice Results Feed Fraction Vaporized: 0.40 Temperature Results Vaporization Temperature: 89.37 Celsius Chemical: Liquid 1-butanol: 0.48 1-propanol: 0.17 ethanol: 0.17 methanol: 0.19	Vapor 0.16 0.12 0.25 0.47	
MULTICOMPONENT FRACTIONAL DISTILLATION RESULTS USING F.U.G.K Temperature At Top Of Column : 65.17 Celsius Temperature At Bottom Of Column: 95.76 Celsius Light Key : methanol Heavy Key : ethanol Total Feed Rate: 100.00 (mol/hr)		
Chemical : Distillate 29.50 (mol/hr) 1-butanol : 0.00 1-propanol : 0.00 ethanol : 0.03	Bottoms 70.50 (mol/hr) 0.50 0.21 0.27	
methanol : 0.97 The Minimium Reflux Ratio At Total Reflux :	0.02 2.27 11.41 17.39	
Program ended with exit code: 0		