Data File	Pa	arsing	Read and verify the data file and store the Gibbs energy coefficient of different species
Temperature Pressure Composition		nput	Read the parameters - temperature, pressure and composition
	Initia	alisation	Use a linear approximation to find initial assemblage using levelling method
		s Energy misation	Find the stable phases by minimising the Gibbs energy of the non-linear system
		lobal misation	Use non-convex optimisation to find the global minimum for complex systems
Assemblage Chem. Potenial	0	utput	Pass the output such as chemical potential, Gibbs energy, etc.