ASSIGNMENT 4

1. Explain water Temperature- Enthalpy Diagram for water.
2. Dryness fraction of steam cannot have the value more than unity: Justify.
3. 1.5 kg of steam at a pressure of 10bar and temperature of 250°C is expanded until the pressure becomes 2.8bar. The dryness fraction of steam is then 0.9. Calculate change in Internal Energy.