HERMODYNAMICS WORK AND HEAT Work and heat both are a form of ener when the transfor of heat bliving. two bodies for depend upton the temperature difference. when then it known as Heat and fif the transfor of heat is independent of heat then bit bis known as book. HERMODYNAMICAL SYSTEM A System which represent in terms of UK Volume, temperature and preserve is a Thermody mamical Systems esa Zenoth Law of OTHERMOBENAMIC War ewo bodie and in Thermal Equilibrium with another body then those two bodies are also in equilibrium with each $\phi(P_A V_A) = \phi(P_B V_R) = \phi(P_V_R)$ WORK DONE BY a THERMODYNAMICAL SYSTEM TI AS ?!

Ez- Conversion of water into Vapour. Let Volume of bit's Vapour's V, and the Volume of bit's Vapour's V, W = P(VV-V) For the change in State Form Q=ML AU=Q-W $\frac{AU - MI - P(V_v - V_e)}{M1 - AU + P(V_v - V_e)}$ So in Asobaric process the heat the by some part is used way the internal encour and remaining part is used in the Allek Ham If there is no change in Volume during the process then the process is known as Isochoxic process if AV = 0if then W = PAV = 0from $\Delta U = g - W$ AU = Q] So in Asocharic process the heat taken by system is used to increase the its internal energy