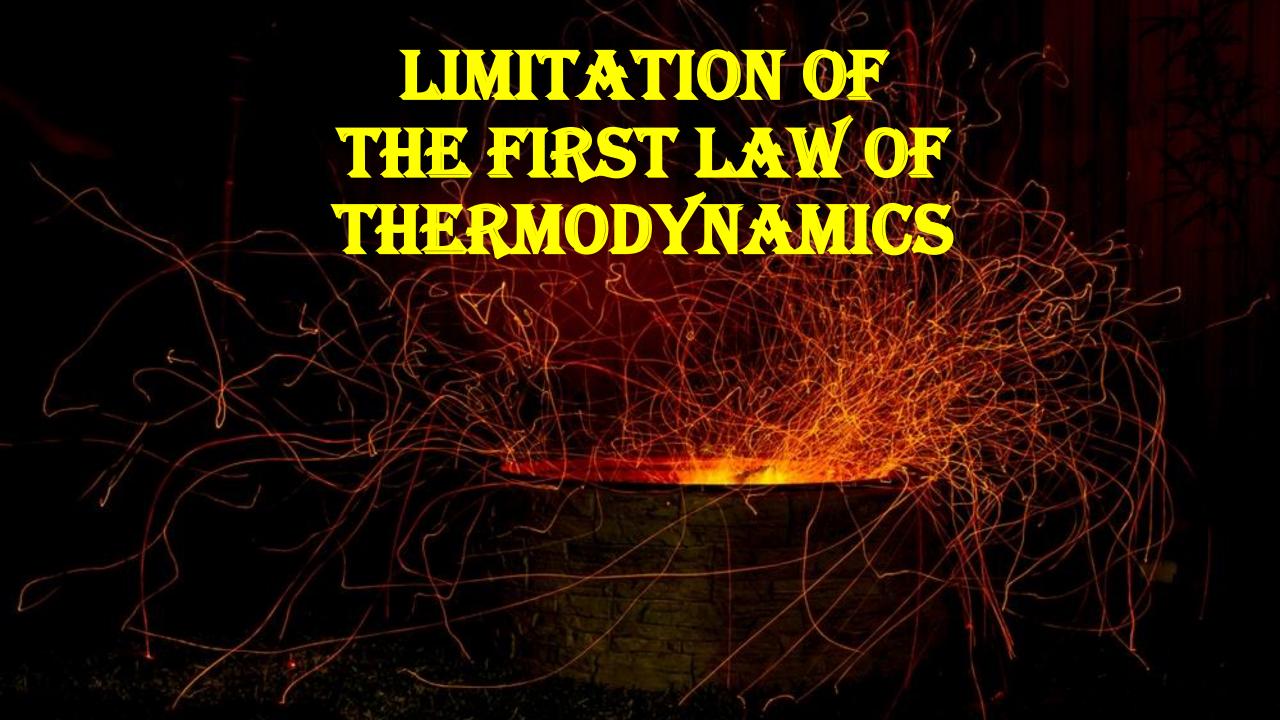
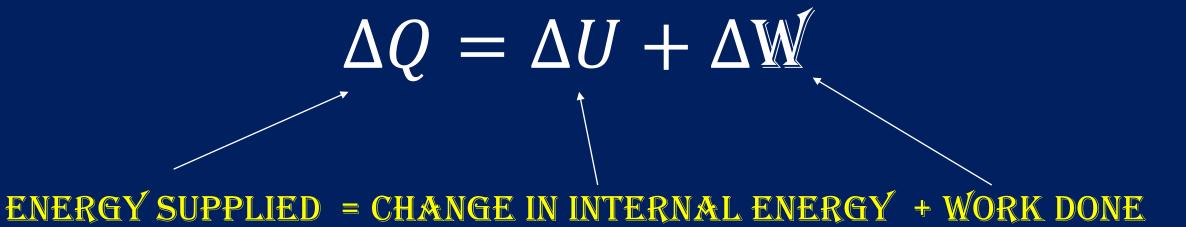
# जिसर-ते ॥



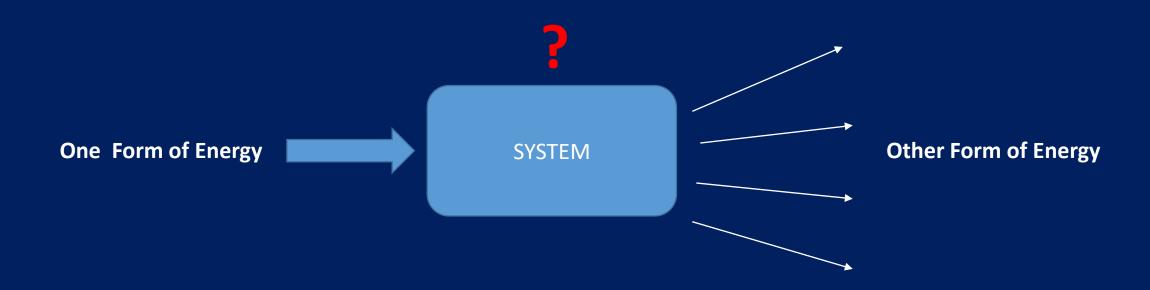
# FIRST LAW OF THERMODYNAMICS



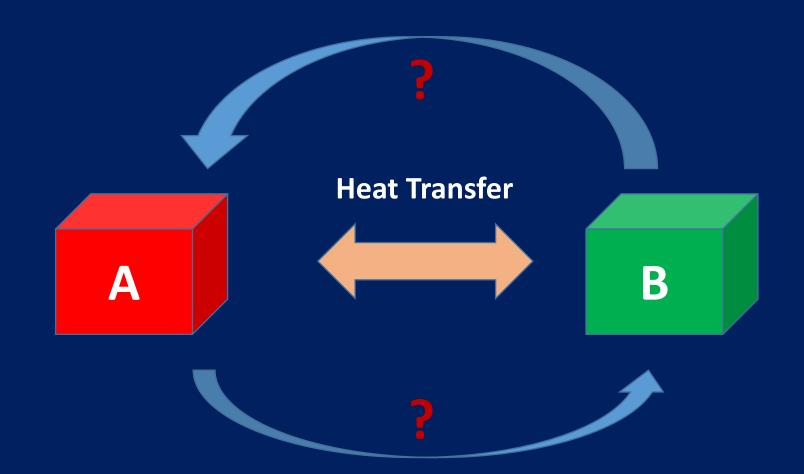
The energy supplied to the system partly increases the internal energy of the system and the rest in work on the environment

- The first law deals with the amounts of energy of various forms transferred between the system and its surroundings and with changes in the energy stored in the system.
- It treats work and heat interactions as equivalent forms of energy in transit and does *not* indicate the possibility of a spontaneous process proceeding in a certain direction.
- It is the second law which assigns a quality to different forms of energy, and also indicates the direction of any spontaneous process.

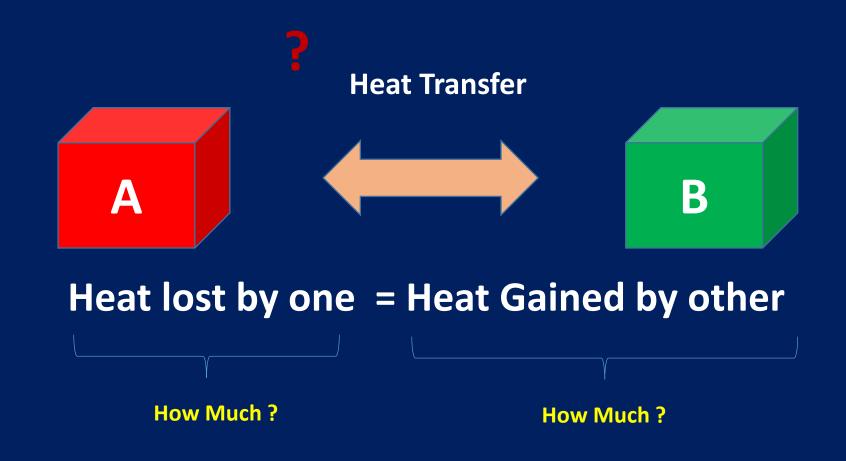
1. NO information about initiation of energy conversion



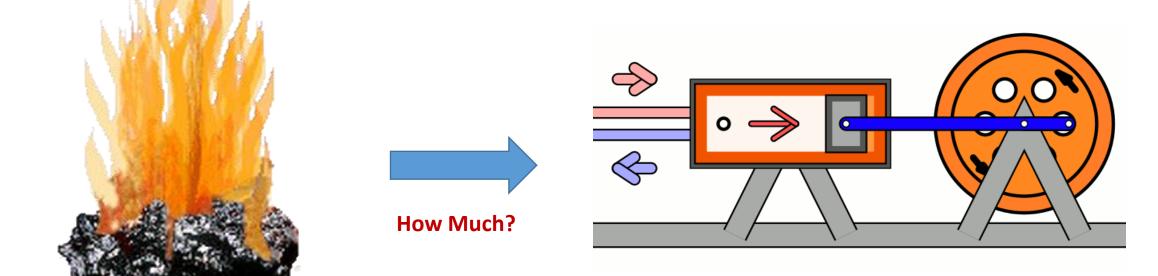
2. NO information about the direction of energy flow.



3.NO information about quantity of the energy transferred



4. Incomplete information about conversion of the thermal energy into mechanical energy.



#### RECAP

- First Law of thermodynamics gives no clue about-
- 1. Initial of energy transformation
- 2. Direction of heat flow
- 3. Quantity of energy transformation
- 4. Amount of thermal to mechanical conversion





In Most of the Cases, A person's height is determined by the their father and their weight is determined by their

# धन्यवाद

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