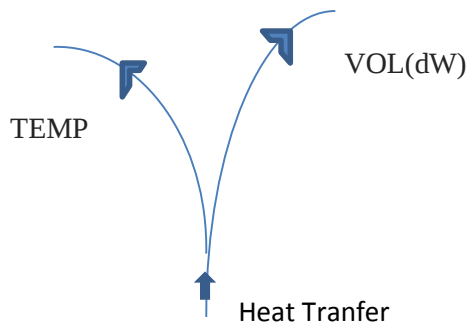


For ex: Electrical energy is a form of work interaction work can also be done when displacement is “0”. Due to friction.



- In 6th row an R term is used

$$R = C_p/C_v.$$

- In the above table the notations and symbols must be used as it is since they are case sensitive For ex: if u write dw it will be a differential of a variable w but if we write dW then it can be said to be an exact differential of workdone.
We can also say that differentiation can be done only to a larger value than a minimum value.

What is meant by a quasi-static process?

When a system undergoes a change in such a manner that the final condition is nearest to the original or equilibrium condition, then the process is said to be a quasi-static process.

A quasi-static process is the same as a differentially small change in calculus.

Quasi-static process can be used for a reversible process only.

A quasi-static process is taken into consideration when any quantity for a given problem must be constant but it is changing.