

# INTERPROCESS COMMUNICATION

An operating system provides the means for co-operating process to communicate for each other via an inter process communication facility

- ICP provide the mechanism to allow processes to communicate & to synchronize their action without sharing same address space
- ICP is best provided by a message passing system & it can be defined in many ways

## Message Passing System :-

--> Naming

--> Direct

--> Symmetric

--> Asymmetric

--> Indirect

--> Blocking Send

--> Blocking Receive

--> NonBlocking Send

--> Nonblocking Receive

--> Buffering

--> Zero capacity

--> Bounded

--> Unbounded

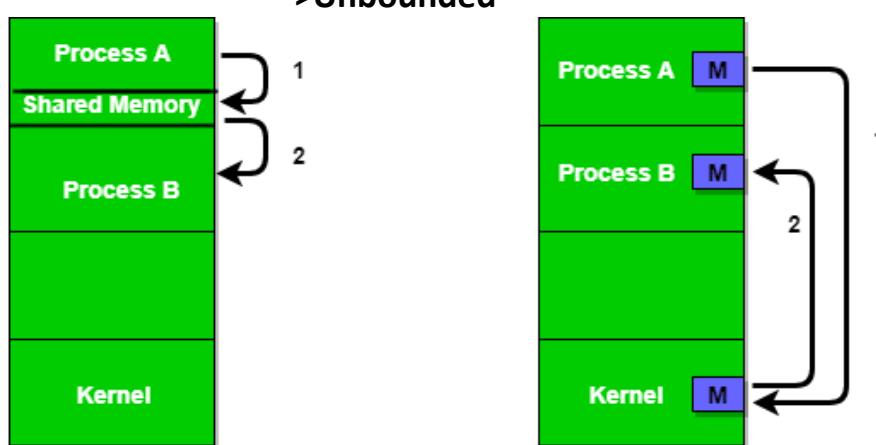


Figure 1 - Shared Memory and Message Passing

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