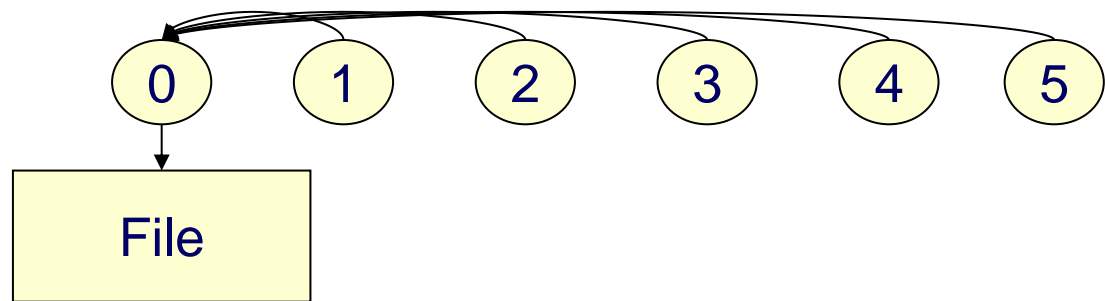
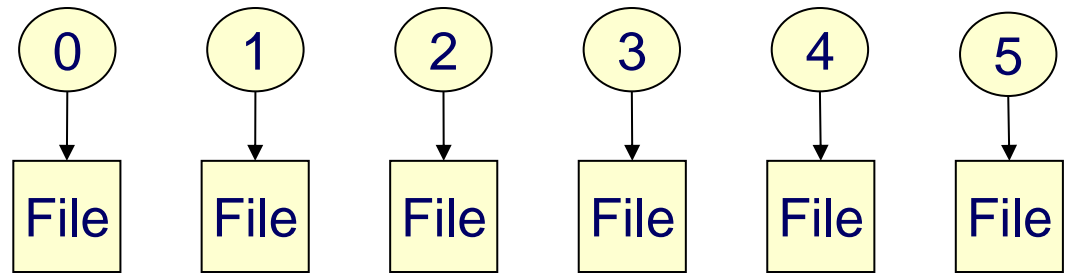


# Serial, multi-file parallel and shared file parallel I/O

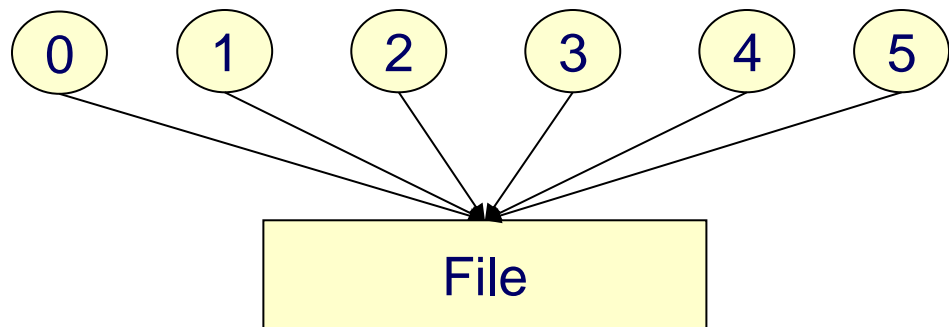
## Serial I/O



## Parallel Multi-file I/O

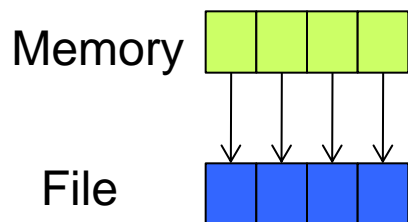


## Parallel Shared-file I/O

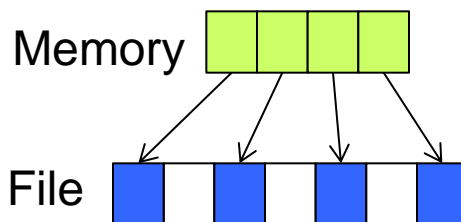


# Access Patterns

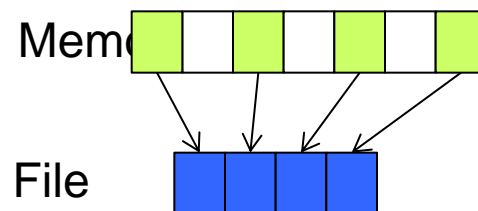
*Contiguous*



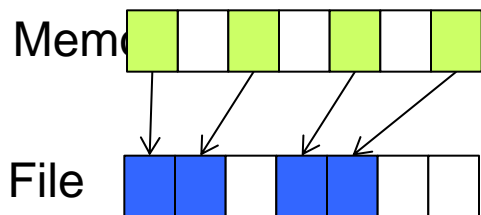
*Contiguous in memory, not in file*



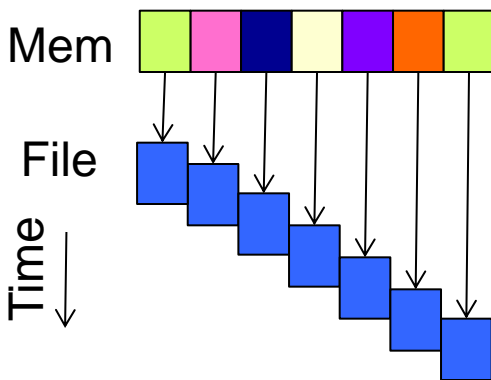
*Contiguous in file, not in memory*



*Dis-contiguous*



*Bursty*



*Out-of-Core*

