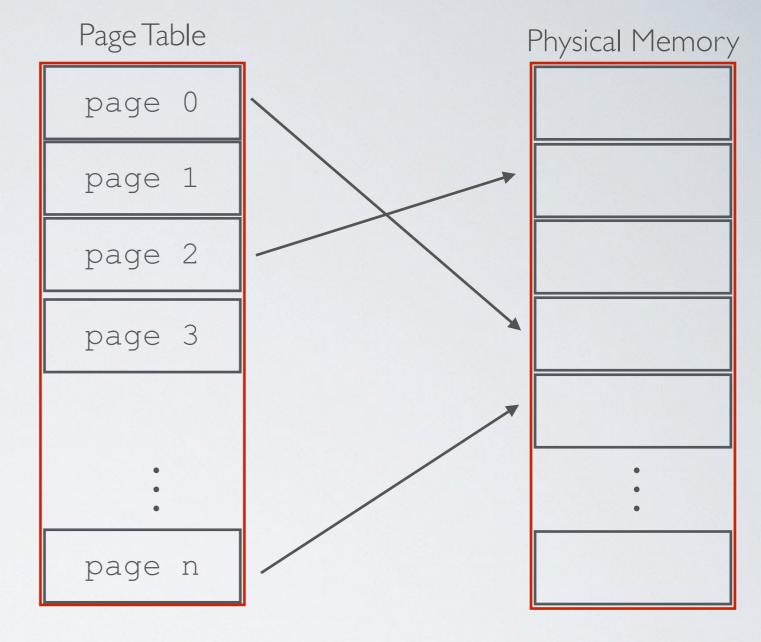
## The problem



## Each process has a page table defining its address space

Considering 32-bit address space with 4K
the size of the pages table is 2^32 / 2^12 x 4 B = 4MB / process
this is a big overhead!

## Solution

- Problem: each process has a page table that maps all pages in its address space
- ✓ **Solution**: we only need to map the portion of the address space actually being used
- → Use another level of indirection : two-level page tables