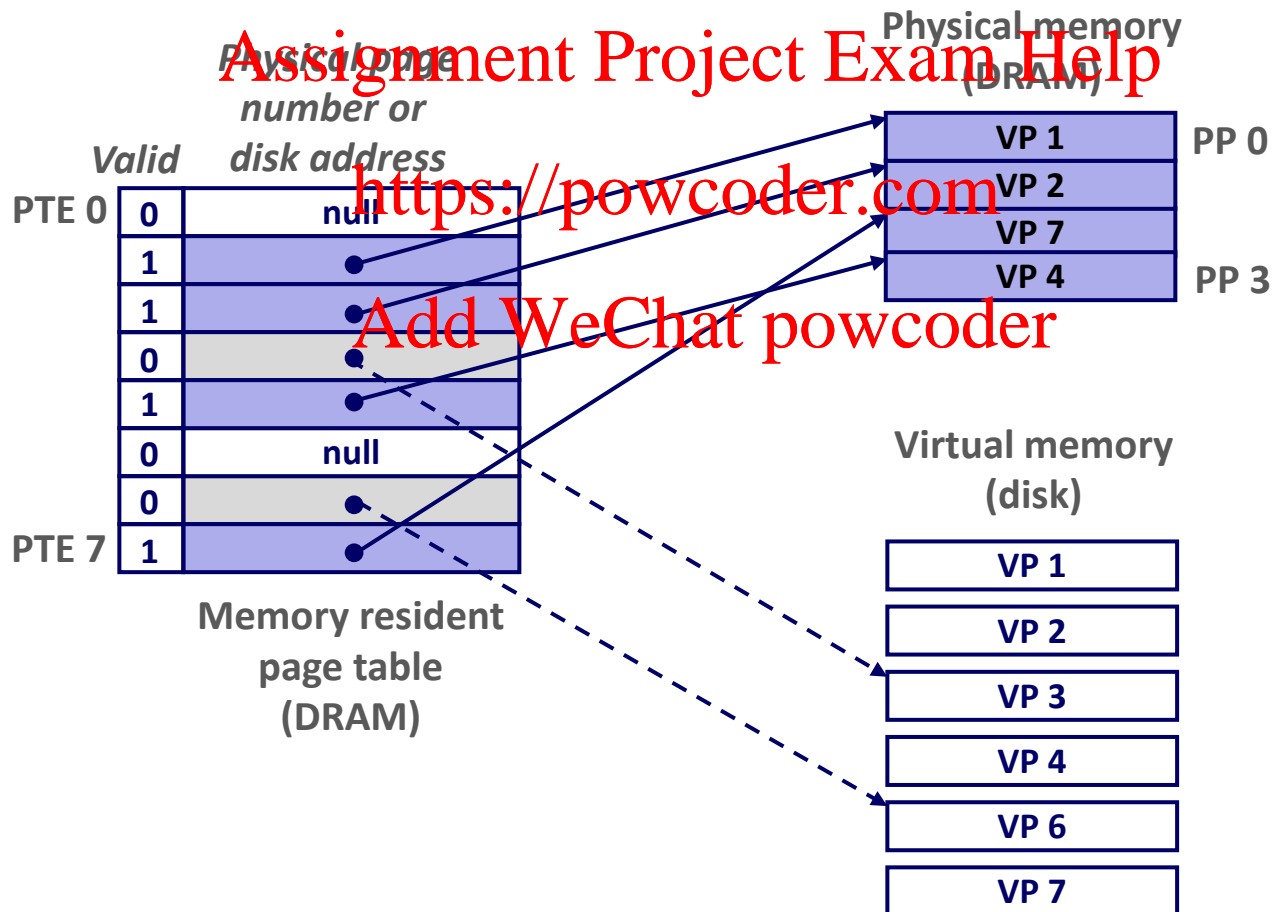


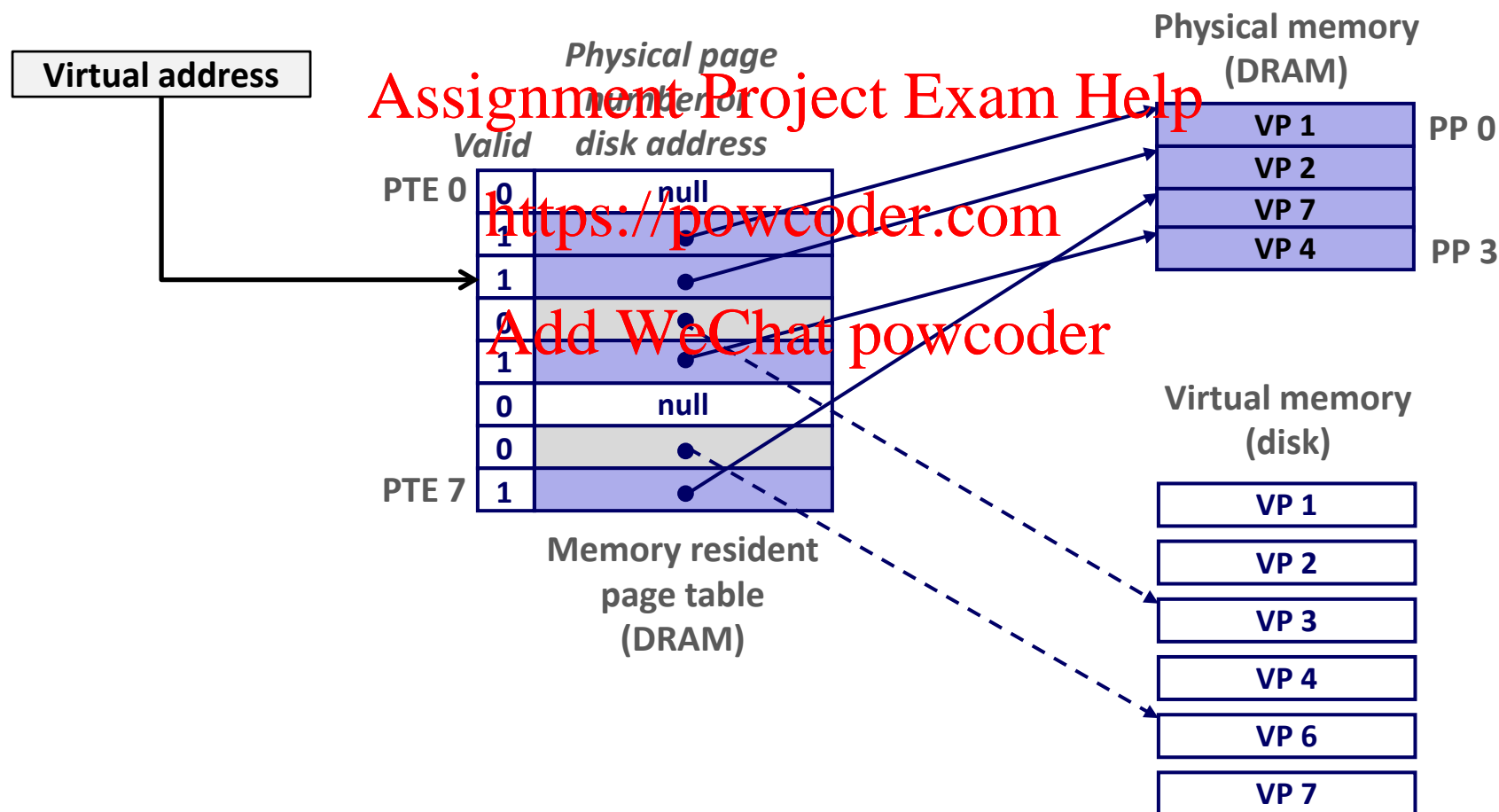
Page Tables

- A **page table** is an array of page table entries (PTEs) that maps virtual pages to physical pages.
 - Per-process kernel data structure in DRAM



Page Hit

- **Page hit:** reference to VM word that is in physical memory (DRAM cache hit)



Page Fault

- **Page fault:** reference to VM word that is not in physical memory (DRAM cache miss)

