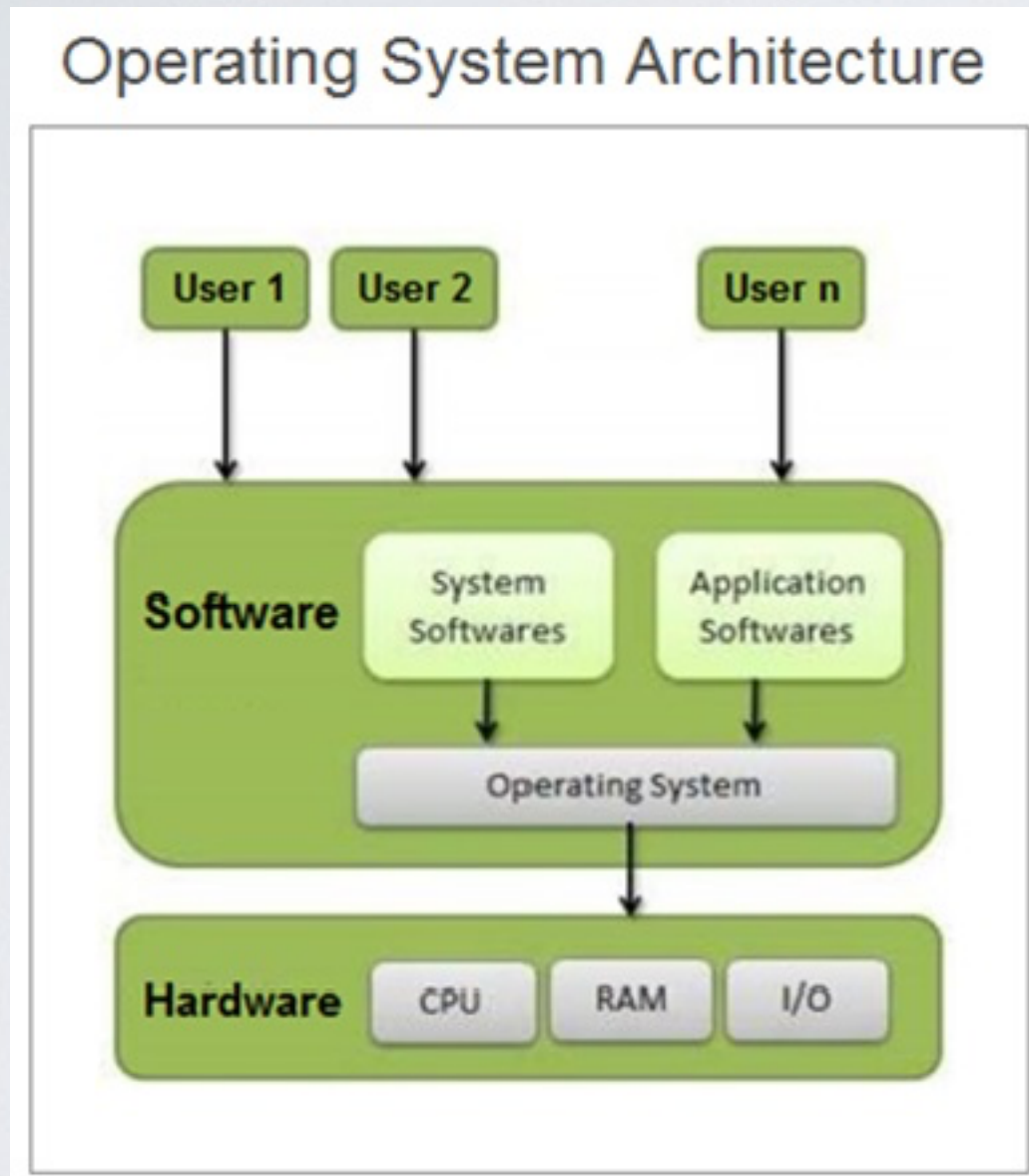
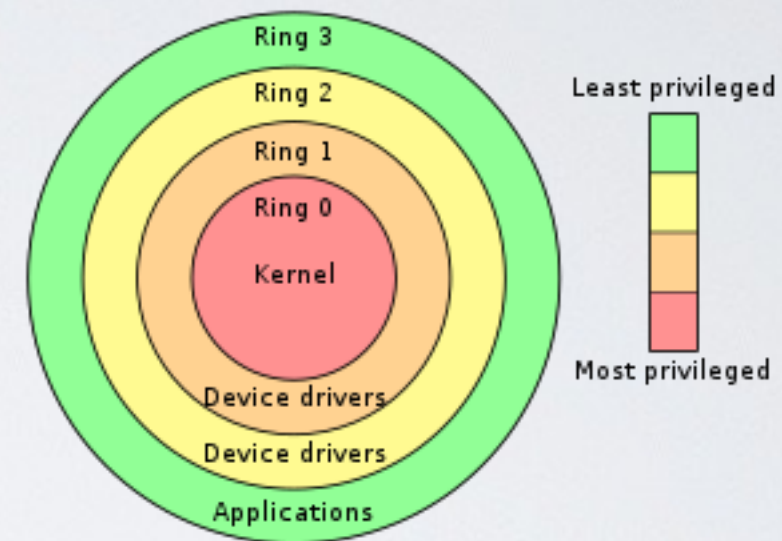


Operating Systems - Architecture



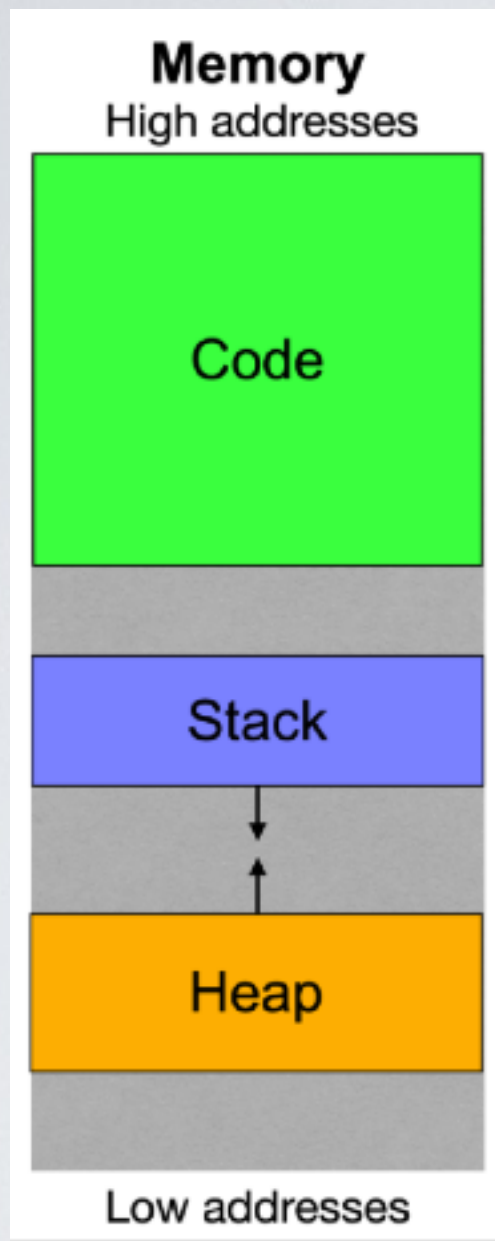
Learn CS



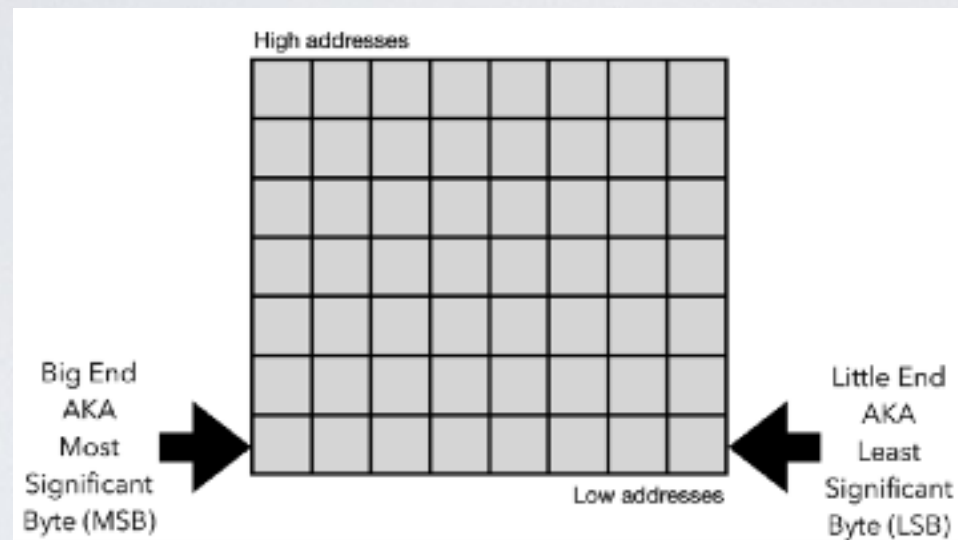
Wikipedia

- Ring 0 - Kernel
- Ring 3 - Userspace
- Ring -X: False rings, e.g Ring -1 Hypervisor

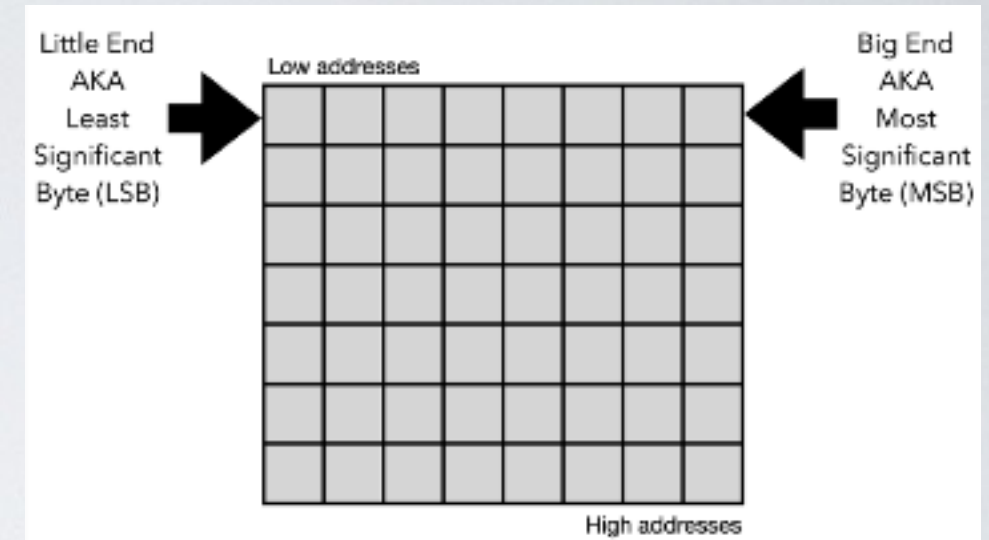
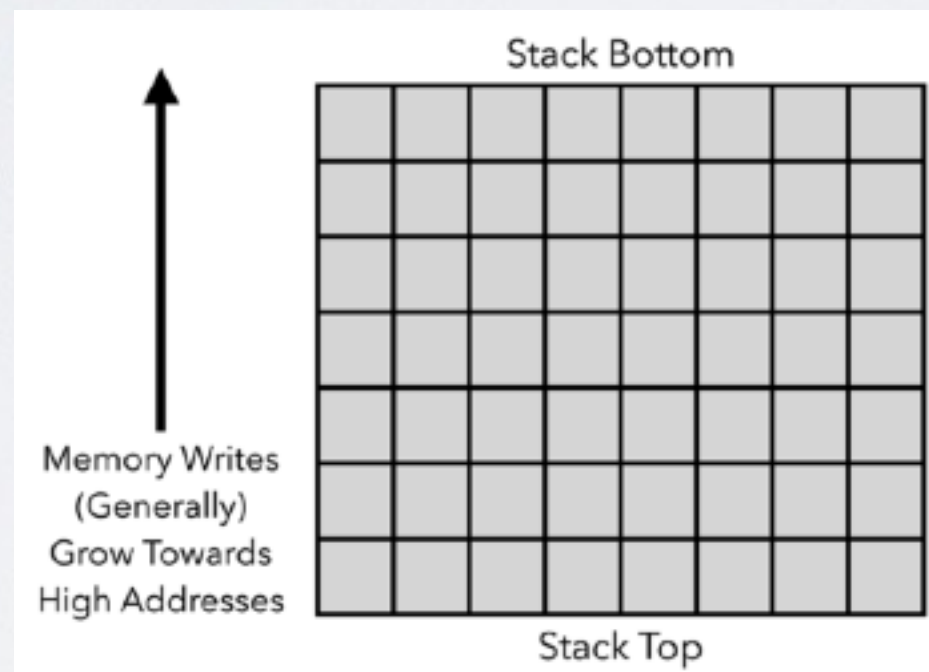
Operating Systems - Program Memory



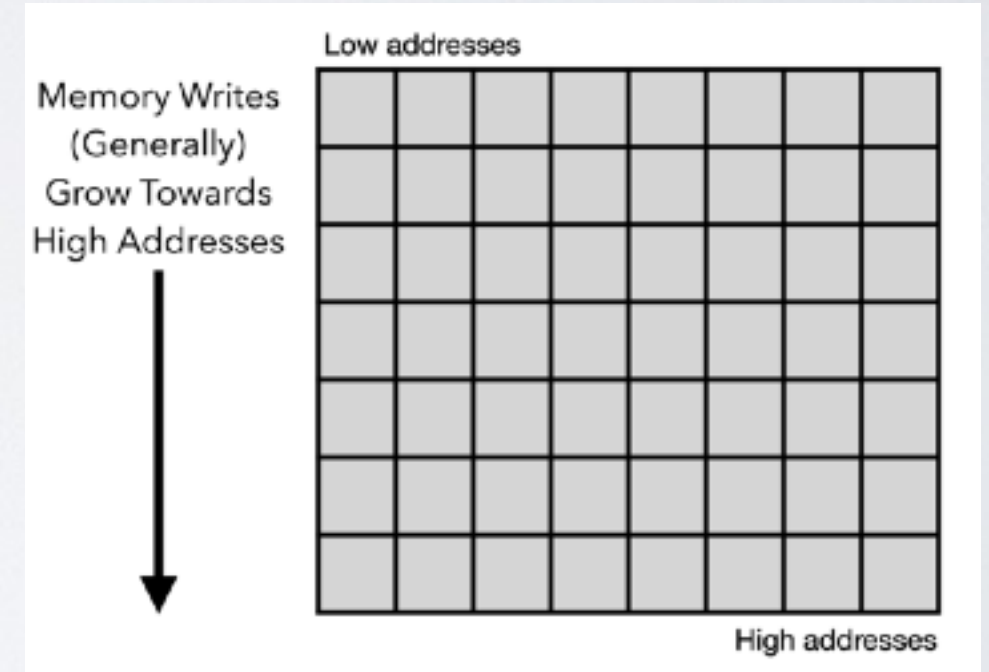
Memory, Vuln1001,
ost2.fyi, 2022*



Stack Memory Diagram Conventions,
Vuln1001, ost2.fyi, 2022*



Heap Memory Diagrams Conventions,
Vuln1001, ost2.fyi, 2022*



* https://p.ost2.fyi/courses/course-v1:OpenSecurityTraining2+Vulns1001_C-derived+2022_v1/about