

1 Practice Questions

1.1 Processes

List the two important illusions that the process abstraction provides to programs. For each illusion, list a mechanism involved in its implementation.

1.2 Virtual Memory

One purpose of virtual memory is to allow programs to use more memory than is available in the physical memory by storing some parts on disk transparently. Name some *other* useful thing that can be done with the virtual memory system.

1.3 TLBs

Does a TLB (Translation Lookaside Buffer) miss always lead to a page fault? Why or why not?

1.4 Java and C

Name some differences between Java and C.

