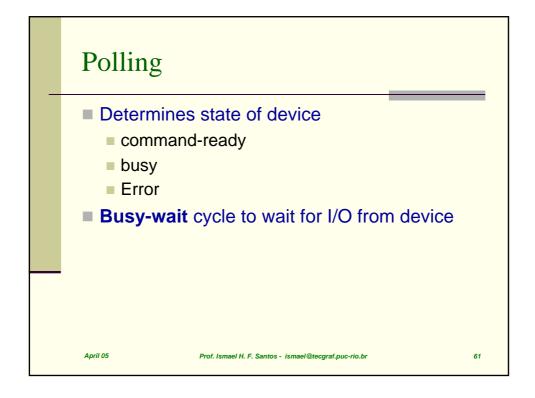
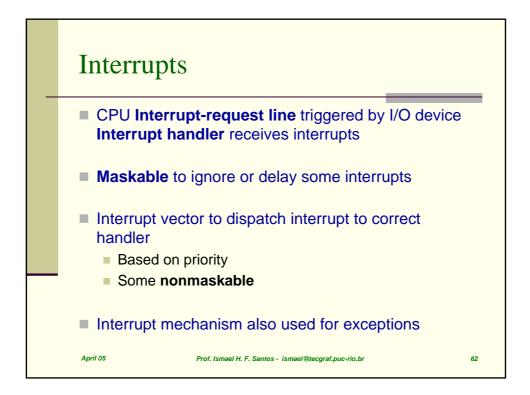
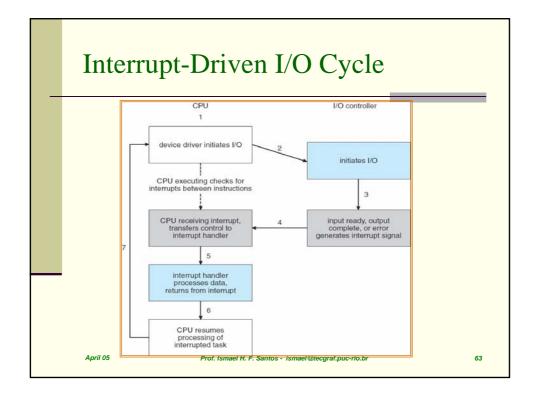


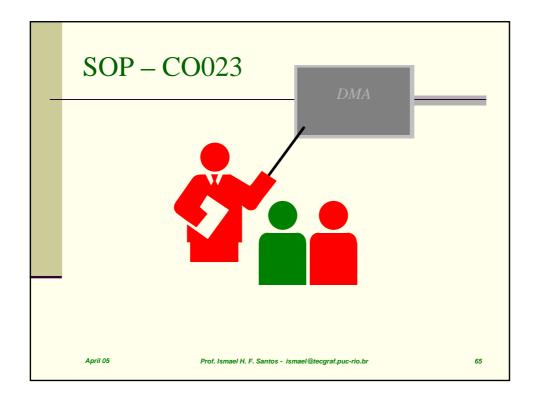
tial)	
/O address range (hexadecimal)	device
000-00F	DMA controller
020-021	interrupt controller
040–043	timer
200–20F	game controller
2F8-2FF	serial port (secondary
320-32F	hard-disk controller
378–37F	parallel port
3D0-3DF	graphics controller
3F0-3F7	diskette-drive controlle
3F8–3FF	serial port (primary)

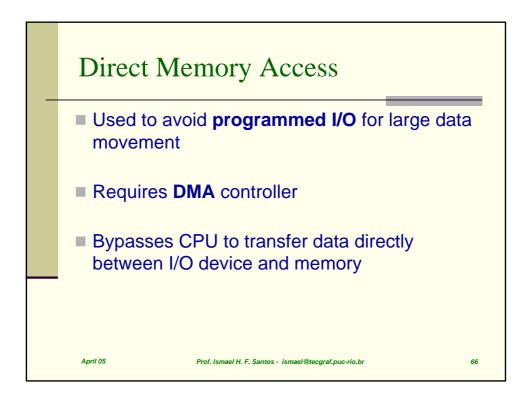


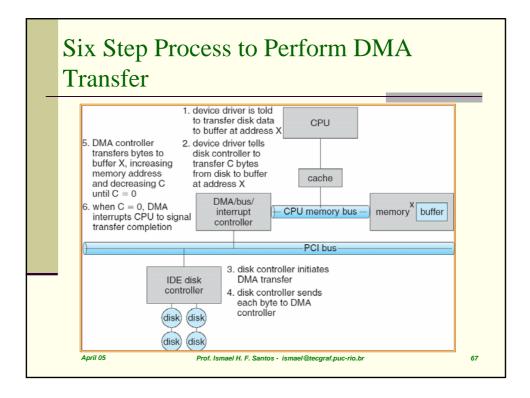


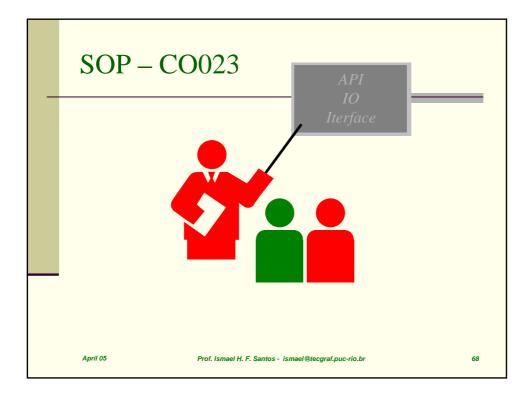


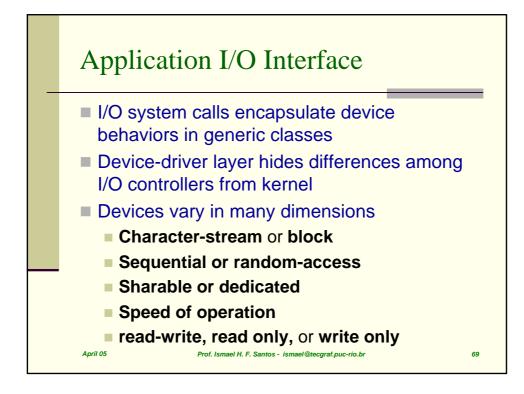
 vector number	description
0	divide error
1	debug exception
2	null interrupt
3	breakpoint
4	INTO-detected overflow
5	bound range exception
6	invalid opcode
7	device not available
8	double fault
9	coprocessor segment overrun (reserved)
10	invalid task state segment
11	segment not present
12	stack fault
13	general protection
14	page fault
15	(Intel reserved, do not use)
16	floating-point error
17	alignment check
18	machine check
19–31	(Intel reserved, do not use)
32-255	maskable interrupts

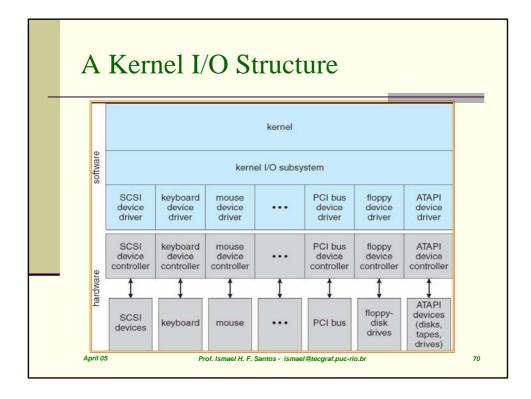












aspect	variation	example		
data-transfer mode	character block	terminal disk		
access method	sequential random	modem CD-ROM		
transfer schedule	synchronous asynchronous	tape keyboard		
sharing	dedicated sharable	tape keyboard		
device speed	latency seek time transfer rate delay between operations			
I/O direction	read only write only read-write	CD-ROM graphics controll disk		

