I/O instruction using DMA

Pintos threads/io.h

Example: IDE Disk Driver

```
void IDE_ReadSector(int disk, int off, void *buf)
 outb(0x1F6, disk == 0 ? 0xE0 : 0xF0); // Select Drive
 IDEWait();
 outb(0x1F2, 1); // Read length (1 sector = 512 B)
 outb(0x1F3, off); // LBA low
 outb(0x1F4, off >> 8); // LBA mid
 outb(0x1F5, off >> 16); // LBA high
 outb(0x1F7, 0x20); // Read command
 insw(0x1F0, buf, 256); // Read 256 words
void IDEWait()
 // Discard status 4 times
 inb(0x1F7); inb(0x1F7);
 inb(0x1F7); inb(0x1F7);
 // Wait for status BUSY flag to clear
 while ((inb(0x1F7) \& 0x80) != 0)
   ;
}
```