# Proprietary Software

- Software that has restrictions on using and copying
  - All rights are retained by the owner.
  - Owner enforces these restrictions
- Can be:
  - Commercial
  - Freeware
  - Shareware
  - Semi-free (for non-profit)





Microsoft Corporation, 1978

## Freeware

- Software is distributed free of charge
  - No agreement about distribution, no access to source code
- Types of Freeware
  - Loss Leader (given away with loss as sales promotion)
  - Adware make money via ads
  - Partially working cut-down versions see "Crippleware"
- Abandonware
  - Software which is no longer supported, and yet still available
  - Some people believe there is nothing morally wrong with using "abandoned" software
  - Not legally recognised
- E.g. MS Internet Explorer, Apple iTunes, Adobe Reader, Skype

## Shareware

- •Idea: try before you buy
- Trial period offered
  - Purchase the license and upgrade to commercial version

#### Nagware

Reminder messages to license software

#### Crippleware

- Software that lacks important features until licensed
- E.g. Word processor that cannot save or print, such as WinZip, TextPad