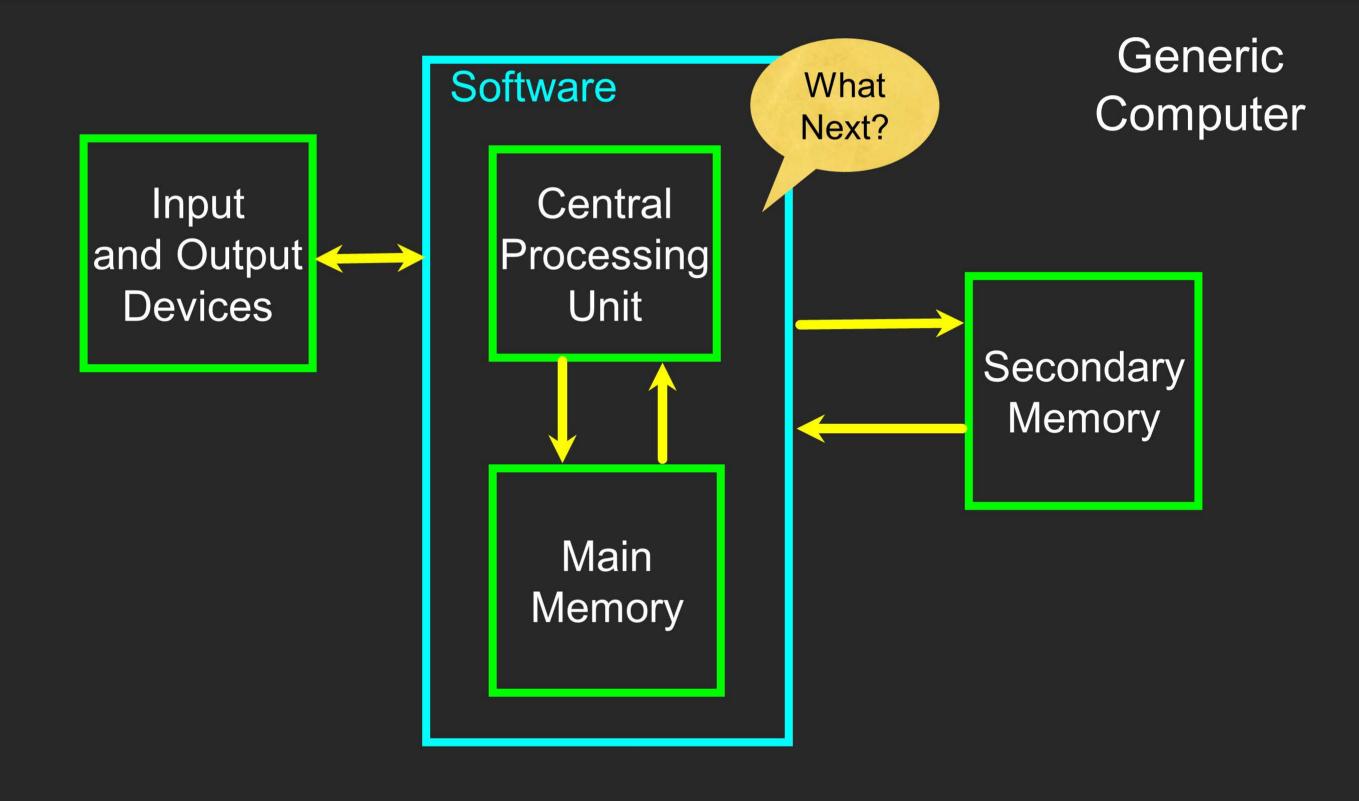


Hardware Architecture



http://upload.wikimedia.org/wikipedia/commons/3/3d/RaspberryPi.jpg





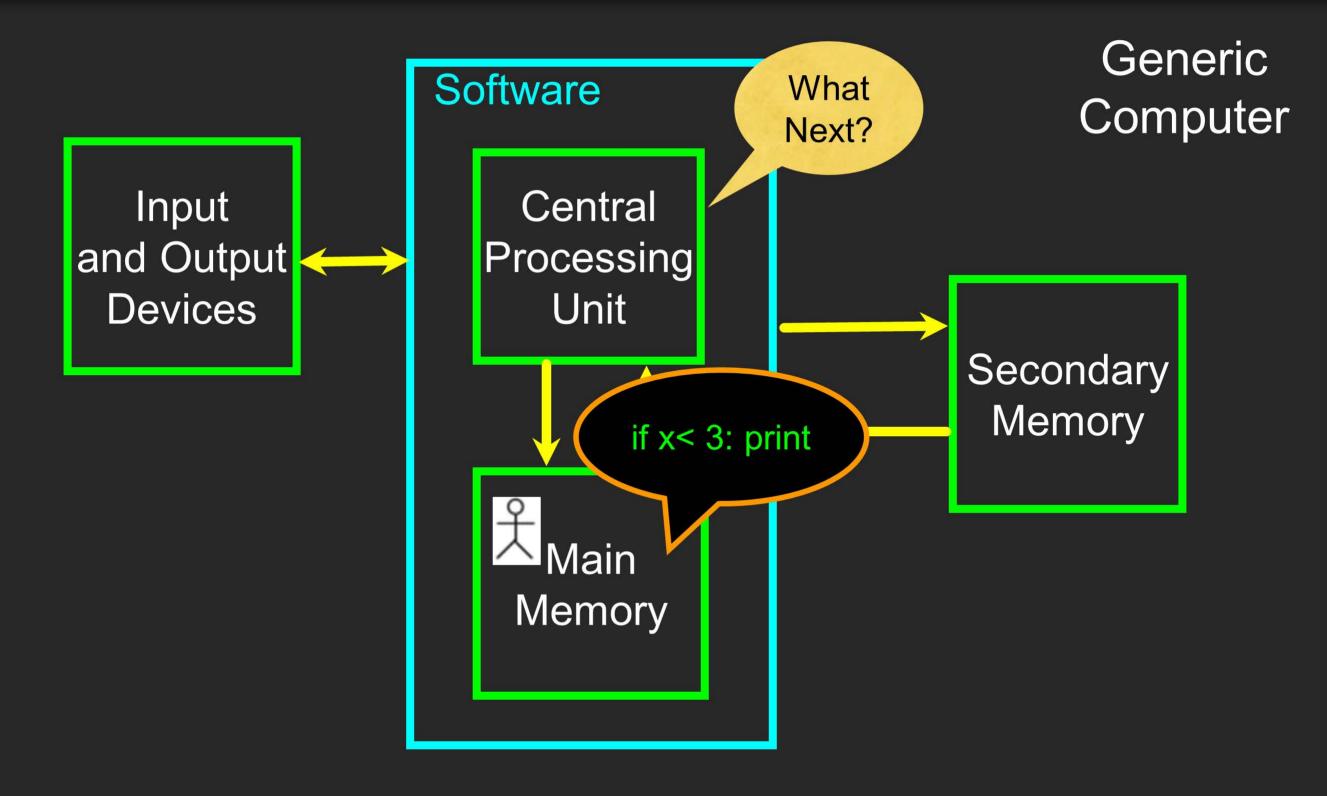


Definitions

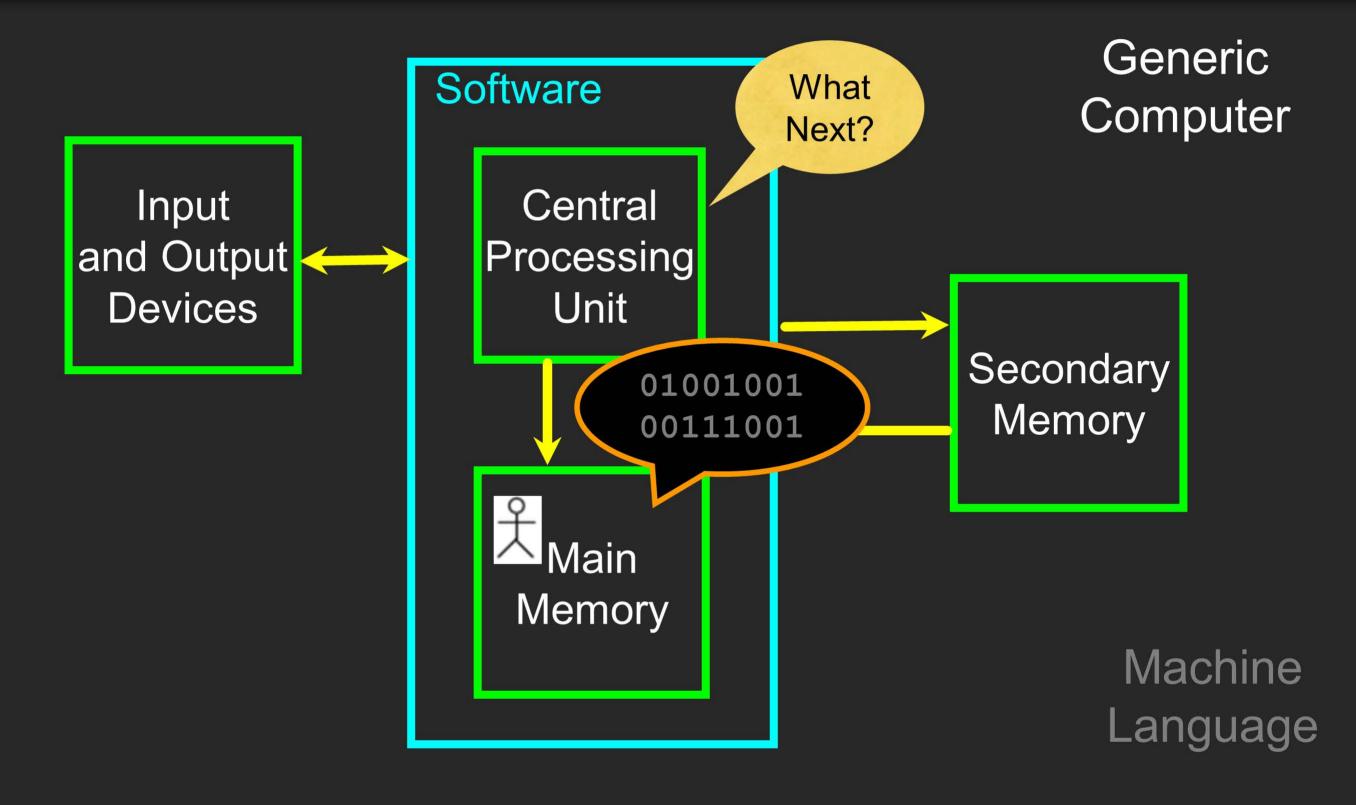
- Central Processing Unit: Runs the Program The CPU is always wondering "what to do next". Not the brains exactly - very dumb but very very fast
- Input Devices: Keyboard, Mouse, Touch Screen
- Output Devices: Screen, Speakers, Printer, DVD Burner
- Main Memory: Fast small temporary storage lost on reboot aka RAM
- Secondary Memory: Slower large permanent storage lasts until deleted disk drive / memory stick





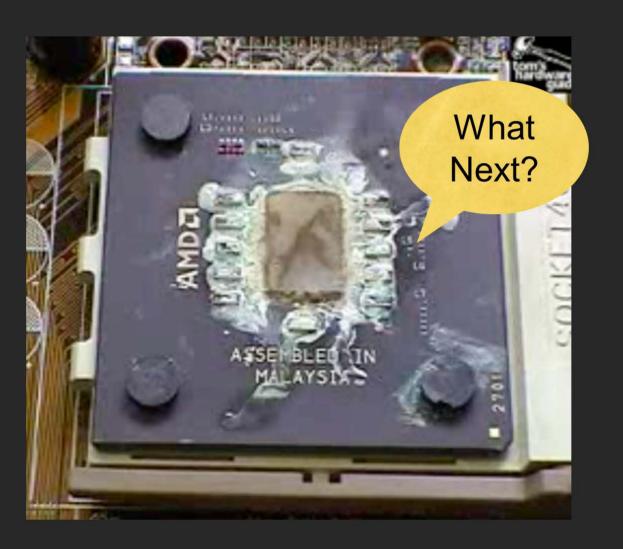








Totally Hot CPU



http://www.youtube.com/watch?v=y39D4529FM4



Hard Disk in Action



http://www.youtube.com/watch?v=9eMWG3fwiEU



Python as a Language