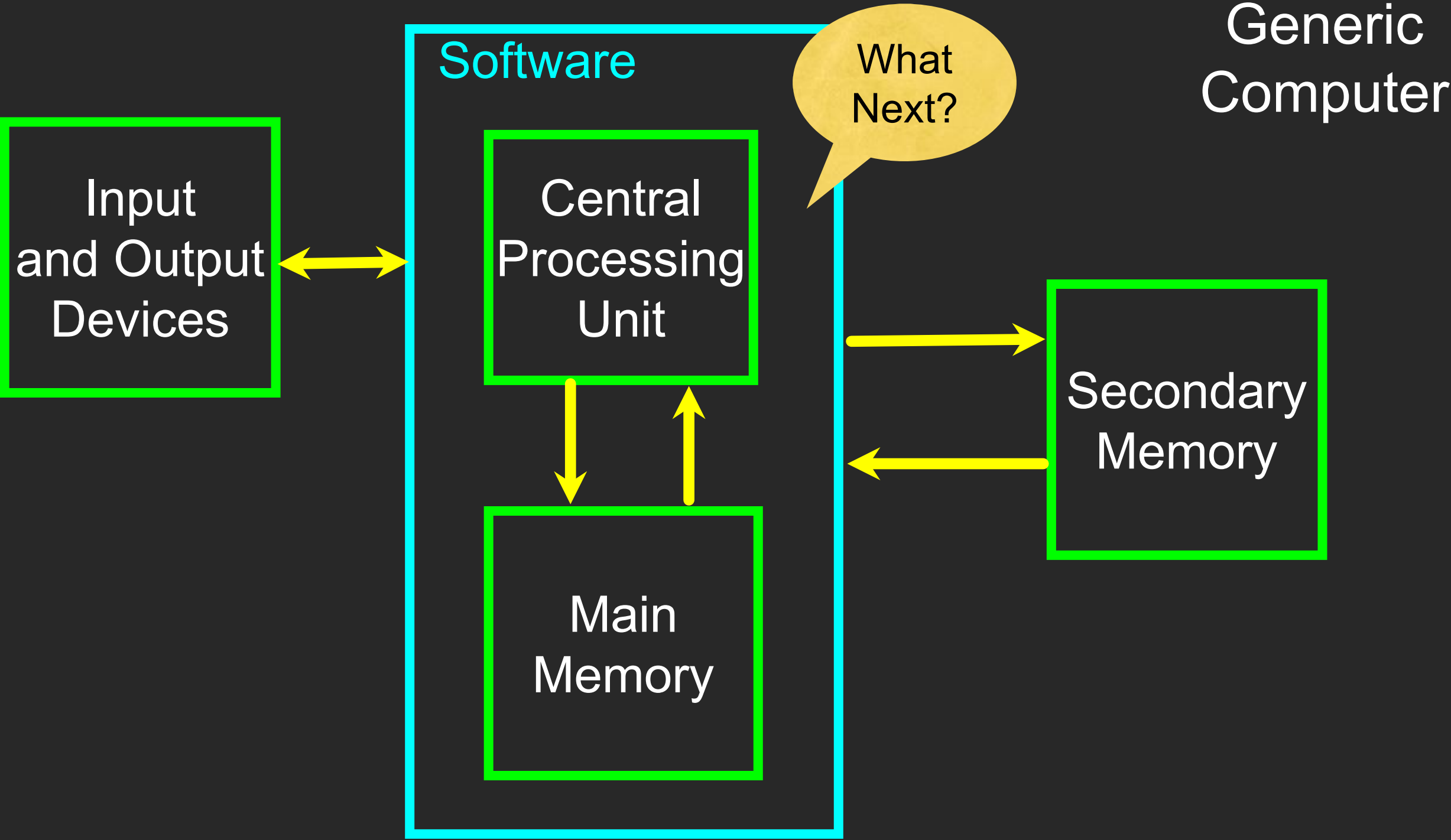


# Hardware Architecture

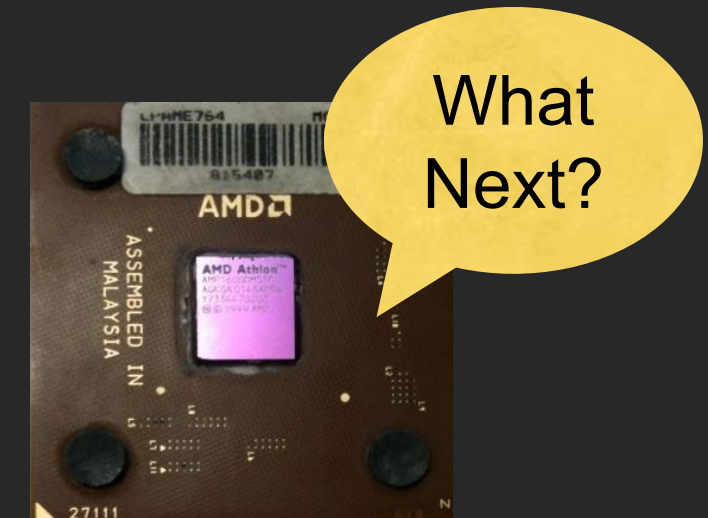


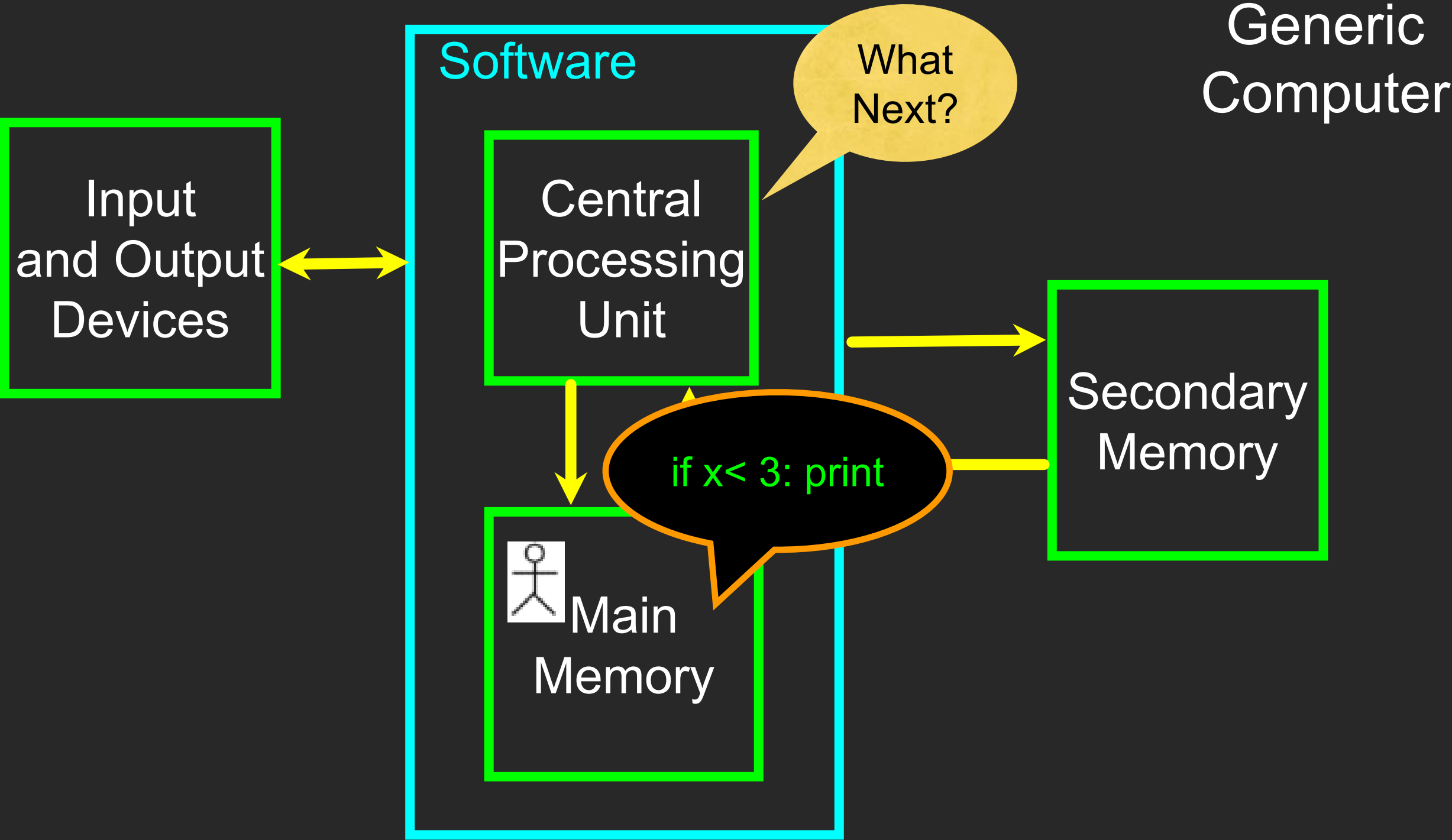
<http://upload.wikimedia.org/wikipedia/commons/3/3d/RaspberryPi.jpg>

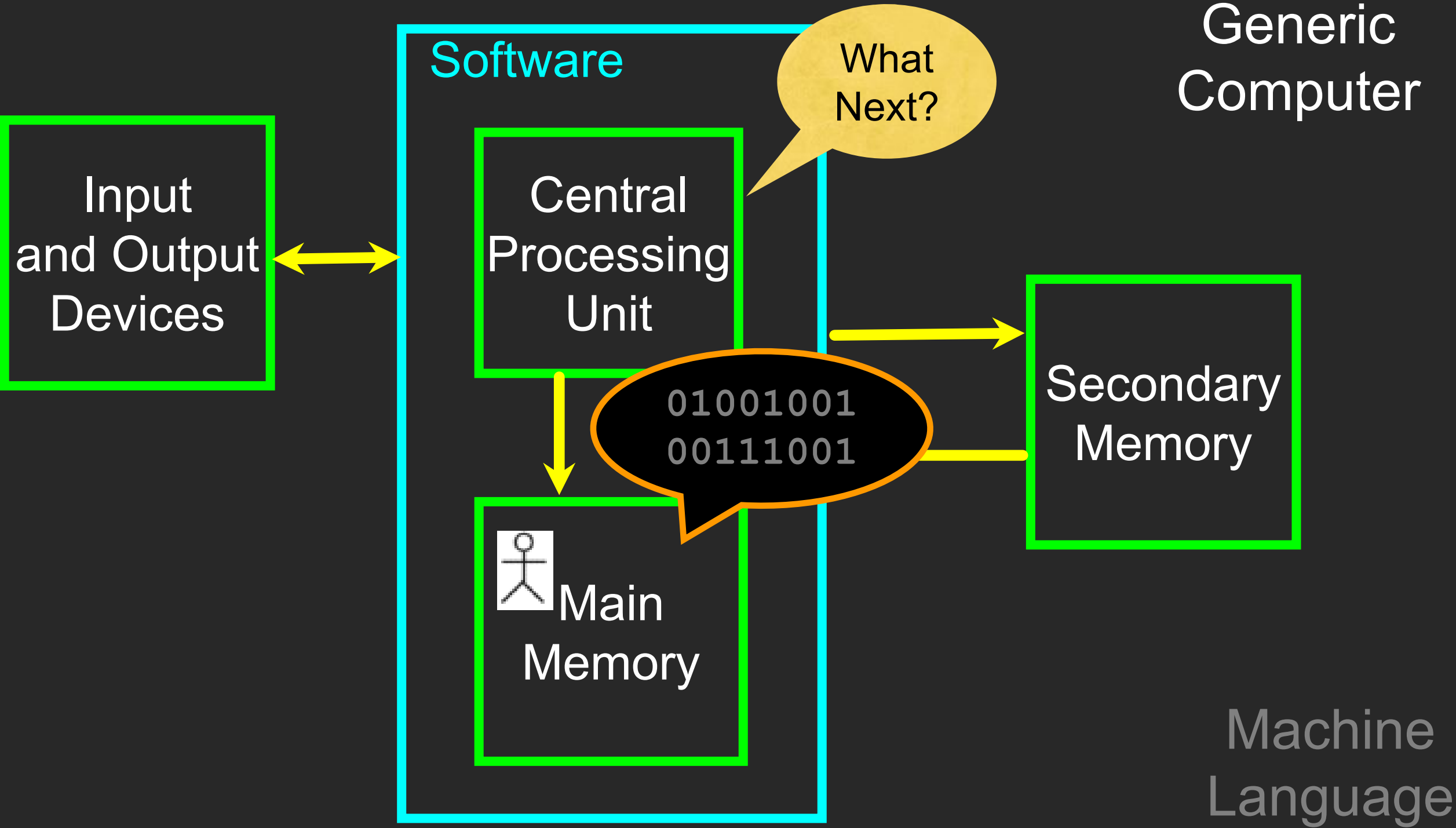


# Definitions

- **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

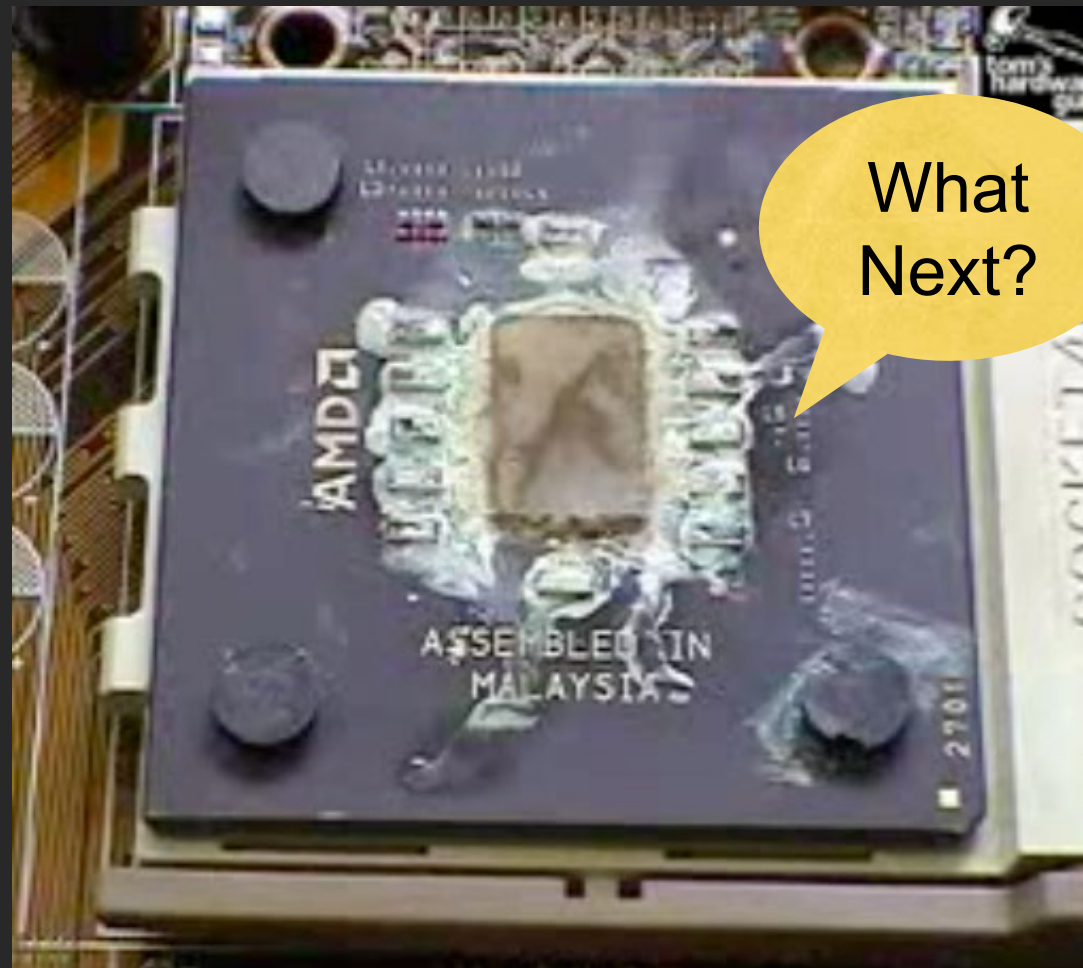








# Totally Hot CPU



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

# Hard Disk in Action



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



# Python as a Language