

Homework #2

Illya Starikov

Due Date: September 15, 2016

1. Printer, Disk, Keyboard, Monitor.
2. Because Windows and Android both support the x86 architecture, there is a monopolization of the x86 architecture support — meaning millions of computers could run x86 compatible software. Other benefits could include more functionality (i.e. BIOS Bootloading) and computing power.
3. The ROM is where the program is stores; too large of a program could mean not being able to run the executable.
4. Power consumption.
5. Addressing modes are as follows:
 - (a) Directed, Indexed
 - (b) Indexed, Immediate
 - (c) Absolute
 - (d) Direct
 - (e) Relative
 - (f) Register, Relative
 - (g) Register
 - (h) Long
6. Addressing maps is as follows:

Address	Contents
0000	79
0001	A3
0002	74
0003	2D
0004	27
0005	04
0006	C4
0007	82