The program that you looking at today will help prepare you to understand Java. Try to complete as much as you can, but you should easily be able to get through two chapters.

Answer the following questions as you are completing Chapters 1 – 4 today.

Define:

Hardware

Software

Processor (CPU)

Main Memory (Hard Drive)

Secondary Memory (RAM)

Input Devices (give one example)

Output Devices (give one example)

Motherboard

Binary

Executable Program

Loop (as it pertains to chapter 4)

Source Program

Translator (compiler)

Interpreter (as it pertains to chapter 4)

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1. What happens when you start an application, like Microsoft Word, on your computer?
2. What is an IP address?
3. Why do computers use binary?
4. If you bought a new computer, about how much main memory would you expect it to have: 200 bytes, 2 kilobytes, 2 megabytes, or 2 gigabytes? More importantly, WHY?
5. Why is a byte?
6. Do you have to keep track of memory locations and their contents when you write a program in java? Why or why not?
7. What is the type of file used for Java? (example: .doc, .xls, .ppt, etc.)
8. In chapter 4, what does it says that the purpose of a “high-level language” like Java is for?