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Period 7

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Section 1.3 Questions

True/ False

1. the programming language most like machine language is C++ | F
2. programs written in low-level languages usually require less memory than those written in high-level languages. | T
3. High-level languages are more difficult to read than low-level languages. | F
4. An interpreter creates an object file that a linker makes into a executable file. | F
5. A Java compiler creates Java byte codes. | T

Short Answer

1. Give an example of a low-level programming language. | Machine language and Assembly language
2. List three examples of high-level programming languages. | Pascal, C++, and Java
3. Describe one advantage that compiled programs have over interpreted programs. |  Compiled programs require less memory than interpreted programs because a compiled program does not require that an interpreter be loaded into memory. Compiled programs also run faster than interpreted programs because the translation has already been done.
4. Explain why Java can run on any computer that supports the Java virtual machine. | It creates a small program a is made up of byte codes that is interpreted by programming the computer to emulate the Java virtual machine.
5. Java programs are often run from what kind of application? | Program (or applet) usually found in web browsers.