KNOWLEDGE PROBE 3: MICRO & EMBEDDED CONTROLLERS
Part 2: Popular Microcontrollers and Software
Software for Micros

Learning Objectives
- Identify reasons for using an operating system with an embedded controller
- Identify the software related to embedded controllers.

1. Where is the software developed for embedded controllers usually stored?
   a. RAM
   b. ROM

2. What development program is normally used to enter a new program?
   a. Assembler
   b. Debugger
   c. Editor
   d. Linker

3. An operating system is not generally needed in an 8-bit controller application.
   a. True
   b. False

4. Which of the following is NOT a reason for using an operating system with an embedded controller?
   a. A 32 or 64-bit processor is used
   b. DSP is to be performed
   c. Multiple I/O and memory operations are involved
   d. Multiple programs have to be run by the same processor

5. Which is NOT a popular programming language for embedded controllers?
   a. Assembler
   b. C
   c. C++
   d. Pascal