

Read the lecture materials to thoroughly & accurately answer the following questions.

1. Do programmers need to know the particular memory address of a specific variable?
2. Could the memory address of a variable be different each time a program is executed?
3. If two int variables are created consecutively, what should you see as the relationship between the values for the variables' memory addresses?
4. Write a statement that declares a pointer named pNum that points to an int variable.
5. What is the name for an uninitialized pointer?
6. What convention(s) is used to name pointers?
7. Explain what is meant by "indirection" with regard to the use of pointers.
8. Write a statement that uses the address of operator to link the pointer variable pNum to the variable num.