

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

1. Write a statement that uses the dereferencing operator (`*`) in a pointer's declaration statement.
2. Write a code segment that uses the dereferencing operator (`*`) to indirectly dereference and print out the value stored in a normal variable.
3. Write a code segment that shows how a pointer can use indirect access to modify the value stored in a normal variable.
4. Fully explain what occurs with the statement `int *pAge = &age;`
5. Explain the difference between the statements `int * pAge;` & `int *pAge = 0;`
What is another statement that is equivalent to `int *pAge = 0;` ?
6. What are three reasons for using pointers?