

Select every statement that is true about pointers.

- ☐ A pointer can be used to point to values elsewhere in memory.
 - ☐ A pointer stores a memory address.
 - ☐ A pointer stores a memory address as its value.
 - ☐ Dereferencing a pointer will never cause undefined behavior.
 - ☐ Dereferencing a pointer can cause undefined behavior.
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QUESTION 2

When an address in a pointer becomes invalid, it is good practice to do what?

- ☐ Dereference that pointer after it has become invalid.
 - ☐ Set the pointer to NULL.
 - ☐ Call the free function with the pointer as an argument to make sure that it was really freed.
 - ☐ Use a double pointer or 2d array.
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QUESTION 3

What is `ptr->varname` a shortcut for?

- ☐ `ptr = &varname`
- ☐ `ptr["varname"]`
- ☐ `(*ptr).varname`
- ☐ `ptr.varname`