CSE 202, Winter 2018: Quiz 5

1. (1 point) What is the default storage duration for variables declared in block scope?

> **Solution:** automatic storage duration

2. (1 point) What specifier do you use to make a variable declared in block scope have the same storage duration as a variable declared in namespace scope?

> **Solution:** static specifier

3. (1 point) What kind of initialization takes place for the elements of an array created with a new expression and an empty pair of parenthesis for the initializer?

> **Solution:** value initialization

4. (2 points) Write C++ code that displays all the elements of an array of 5 `int` named `a`, using pointers.

> **Solution:**
> ```cpp
> for (int* p = a; p != a + 5; ++p)
>         cout << *p << ' ';
> ```

5. (2 points) Write C++ code that displays all the elements, in reverse order, of an array of 5 `int` named `a`, using pointers.

> **Solution:**
> ```cpp
> for (int* p = a + 5; p != a; )
>         cout << *--p << ' ';
> ```