

Removing the 'register' Keyword

'register' allowed us to store a variable in a registers. Let's see why it has been deprecated.

The `register` keyword was deprecated in 2011 (C++11), and it has no meaning since that time.

It was removed in C++17. The keyword is reserved and might be repurposed in future revisions of the Standard (for example `auto` keyword was reused and now is an entirely new and powerful feature).

If you use `register` to declare a variable, you will get a warning:

```
#include <iostream>
using namespace std;

int main() {
    register int a;
    return 0;
}
```



You might get the following warning (GCC 9.2)

```
warning: ISO C++17 does not allow 'register' storage class specifier
```

or error in Clang (Clang 7.0)

```
error: ISO C++17 does not allow 'register' storage class specifier
```

Extra Info: The change was proposed in [P0001R1](#).

The next lesson will deal with the deprecation of the `++` operator for bool.

