

## Supplement IV.C: Operator Keywords

For Introduction to C++ Programming  
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C++ provides operator keywords that can be used to replace several C++ operators. For example, you can use the keyword `and` to replace `&&` as shown in the following code:

```
#include <iostream>
#include <iso646.h>
using namespace std;

int main()
{
    cout << (true and true) << endl;
    cout << (false and true) << endl;
    cout << (true && true) << endl;
    cout << (false && true) << endl;

    return 0;
}
```

### *Sample output*

```
1
0
1
0
```

To compile this program, you have to include the header file `<iso646.h>`. The following table shows a full list of keywords:

| <b>Operator</b> | <b>Keyword</b>                           |
|-----------------|--|
| &&              | and                                      |
|                 | or                                       |
| !               | not                                      |
| !=              | not_eq                                   |
| &               | bitand                                   |
|                 | bitand                                   |
| &               | bitor                                    |
| ^               | xor                                      |
| =&              | and_eq (bitwise and assignment)          |
| =               | or_eq (bitwise inclusive or assignment)  |
| =^              | xor_eq (bitwise exclusive or assignment) |