
Subject: Re: Need help with my C++ code
Posted by [Omar007](#) on Fri, 25 Mar 2011 21:30:34 GMT
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I'm not a C++ master nor am I writing this down with any reference. This is from the top of my head so it may contain faulty information.

A call by value makes a duplicate and does not affect the original.
Call by reference modifies the original value you pass.

Call by value

```
void main()
{
    int a = 10;
    somefunction(a);
    cout << a; //10
}
```

```
void somefunction(int a)
{
    a = 20;
}
```

Call by reference

```
void main()
{
    int a = 10;
    somefunction(a);
    cout << a; //20
}
```

```
void somefunction(int& a)
{
    a = 20;
}
```