
Subject: Re: Need help with my C++ code
Posted by [_SSnipe_](#) on Sat, 26 Mar 2011 18:32:04 GMT
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Omar007 wrote on Fri, 25 March 2011 14:30 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;
}
```

See, that makes much more sense, thanks

Another problem I am having is I am lost on the difference between a functions formal parameters and arguments
