

```
// This program uses a reference variable as a function
// parameter.
#include <iostream>
using namespace std;

// Function prototype. The parameter is a reference variable.
void doubleNum(int &);

int main()
{
    int value = 4;

    cout << "In main, value is " << value << endl;
    cout << "Now calling doubleNum..." << endl;
    doubleNum(value);
    cout << "Now back in main. value is " << value << endl;
    return 0;
}

//*****
// Definition of doubleNum. *
// The parameter refVar is a reference variable. The value *
// in refVar is doubled. *
//*****

void doubleNum (int &refVar)
{
    refVar *= 2;
}
```