

```
#include <iostream>
#include <iomanip>

using namespace std;

int main ()
{
    double i, r,v;

    cout << "Enter a resistance: " << endl;
    cin >> r;
    cout << "Enter a current: " << endl;
    cin >> i;
    if(i > 15)
    {
        cout << "current is to high!!!";

    }
    else if (i == 15)
    {
        v = i*r;
        cout << "Current is at the limit " << endl;
        cout << "Voltage is : " << v << endl;
    }
    else
    {
        v = i*r;
        cout << "Voltage is : " << v << endl;
    }

    return 0;
}
```