```cpp
//Luis Ortiz Baca
//Danny Vu
#include<iostream>

using namespace std;

int large(int& x, int& y) {
        if (x > y) {
                return x;
        }
        else {
                return y;
        }
}

int max(int& a, int& b, int& c) {
        if (a > b && a > c) {
                return a;
        }
        else if (b > a && b > c) {
                return b;
        }
        else {
                return c;
        }
}


int main() {
        int a;
        int b;
        int c;
        cout << "hello\n";
        cin >> a;
        cin >> b;
        cin >> c;
        cout << "the max number is: " << max(a, b, c);
        return 0;
}
```