

```
#include<iostream.h>

double cube(double);
void display(char, double);
double input();

int main()
{
    double x = input();
    double y = cube(x);
    display('x',x);
    display('y',y);

    return 0;
}

double cube(double z)
{
    return z*z*z;
}

void display(char name,double x)
{
    cout << name << ": " << x << endl;
    return; //optional
}

double input()
{
    cout << "Enter a number to cube: ";
    double x = 0;
    cin >> x;
    cout << endl;
    return x;
}
```