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

using namespace std;

int main()
{
    const double PI = 3.141592653589793;
    int growth, volume1, volume2, volume3;
    double diameter;
    cout << "Diameter: ";
    cin >> diameter;
    volume1 = PI * diameter * diameter * diameter / 6;
    diameter++;
    volume2 = PI * diameter * diameter * diameter / 6;
    diameter++;
    volume3 = PI * diameter * diameter * diameter / 6;
    growth = volume2 - volume1;
    cout << "Increase: " << growth << endl;
    growth = volume3 - volume2;
    cout << "Increase: " << growth << endl;
    return 0;
}
```