

Answer on Question #60759, Programming & Computer Science / C#

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace Volume_of_the_cube
{
    class Program
    {
        static void Main(string[] args)
        {
            double volumeOriginal = 27;
            Console.WriteLine("The volume of the original cube: " + volumeOriginal);

            double originalFace = Math.Pow(volumeOriginal, 1.0 / 3.0);
            Console.WriteLine("The length of the faces of the original cube: " + originalFace);

            double volumeNewCube = Math.Pow(originalFace * 2, 3);
            Console.WriteLine("The volume of a cube with a doubling of the original length" +
                             "\nof the face of the cube: " + volumeNewCube);
            Console.WriteLine("The difference between the volumes of cubes: " +
                              Math.Abs(volumeOriginal - volumeNewCube));
            Console.ReadKey();
        }
    }
}
```