

3) Write a program to check given number is Armstrong or not.

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

namespace Ass3
{
    class demo
    {
        public int n, r, sum = 0, temp;
        public void show()
        {
            Console.Write("Enter the Number= ");
            n = Convert.ToInt32(Console.ReadLine());
            temp = n;
            while (n > 0)
            {
                r = n % 10;
                sum = sum + (r * r * r);
                n = n / 10;
            }
            if (temp == sum)
                Console.Write("Armstrong Number.");
            else
                Console.Write("Not Armstrong Number.");
        }
    }
    class Program
    {
        static void Main(string[] args)
        {
            demo d1 = new demo();
            d1.show();
            Console.ReadLine();
        }
    }
}
```