|  |
| --- |
| **R.KAVITHA** |

LAB PROGRAMS

QUESTION1

Write a Program to check number is Amstrong or not

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApplication10

{

class Amstrong\_Number

{

int n, rem, sum = 0, n1;

public void Input()

{

Console.WriteLine("Enter any Number:");

n = int.Parse(Console.ReadLine());

n1 = n;

for (; n > 0; )

{

rem = n % 10;

sum = sum + (rem \* rem \* rem);

n = n / 10;

}

if (sum == n1)

{

Console.WriteLine("The Given Number is Amstrong Number");

}

else

{

Console.WriteLine("The Given Number is Not an Amstrong Number");

}

}

}

class Program

{

static void Main(string[] args)

{

Amstrong\_Number obj = new Amstrong\_Number();

obj.Input();

}

}

}

