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# **Delegate Lab**

public class Program

{

static void Main(string[] args)

{

TestCal();

FuncAction func = new FuncAction();

Console.WriteLine("Func trong Delegate:");

Console.WriteLine("Nhap so a:");

int a = Convert.ToInt32(Console.ReadLine());

Console.WriteLine("Nhap so b:");

int b = Convert.ToInt32(Console.ReadLine());

Console.WriteLine("Ket qua ham Func:");

func.TestFunc(a, b);

}

public delegate void Calculation(string s);

static public void Sum(string s)

{

Console.ForegroundColor = ConsoleColor.Green;

Console.WriteLine(string.Format("{0} ", s));

Console.WriteLine("Nhap so a:");

int a = Convert.ToInt32(Console.ReadLine());

Console.WriteLine("Nhap so b:");

int b = Convert.ToInt32(Console.ReadLine());

Console.WriteLine(string.Format("Tong 2 so: {0} va {1} la: {2}", a, b, a+b));

Console.ResetColor();

}

static public void Minus(string s)

{

Console.ForegroundColor = ConsoleColor.Red;

Console.WriteLine(string.Format("{0} ", s));

Console.WriteLine("Nhap so a:");

int a = Convert.ToInt32(Console.ReadLine());

Console.WriteLine("Nhap so b:");

int b = Convert.ToInt32(Console.ReadLine());

Console.WriteLine(string.Format("Tong 2 so: {0} va {1} la: {2}", a, b, a - b));

Console.ResetColor();

}

public static void TestCal()

{

Calculation cal;

cal = Sum;

cal("Tinh Tong");

cal = Minus;

cal("Phep tru");

}

public class FuncAction

{

static int Sum(int x, int y)

{

return x + y;

}

public void TestFunc(int x, int y)

{

Func<int, int, int> tinhtong;

tinhtong = Sum;

var ketqua = tinhtong(x, y);

Console.WriteLine(ketqua);

}

}

}

Text

Description automatically generated