using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace calculator

{

class Program

{

static string str, flag = "y";

static void Main(string[] args)

{

while (flag.Equals("y") || flag.Equals("Y"))

{

int a;

int b;

string c;

string d;

string z;

bool y = true;

Console.WriteLine("第一个数是：");

c =Console.ReadLine();

cal.A = c;

Console.WriteLine("输入第二个数是：");

d = Console.ReadLine();

cal.B = d;

Console.WriteLine("输入运算符（+-\*/)");

string str = Console.ReadLine();

switch (str)

{

case "+":

if(cal.m==false&&cal.n==false)

{

z = cal.Lianjie();

Console.WriteLine(z);

y = false;

}

else

cal.Jia(c,d);

//Console.WriteLine(s);

break;

case "-":

if (cal.m == false && cal.n == false)

{

z = cal.Shanchu();

Console.WriteLine(z);

y = false;

}

else

cal.Jian(c, d);

break;

case "\*":

cal.Cheng(c,d);

break;

case "/":

if (Convert.ToInt32(d) == 0)

{

Console.WriteLine("非法输入");

break;

}

else

{

cal.Chu(c,d);

break;

}

}

Console.WriteLine("是否继续？（y或Y继续，其他键退出）");

flag = Console.ReadLine();

}

}

}

class cal

{

public static int a, b;

public static string c, d;

public static bool m = true,n=true;

public static float s = 0;

public static string A

{

set

{

try

{

a = Convert.ToInt32(value);

}

catch (FormatException e)

{

m = false;

c = value;

}

}

}

public static string B

{

set

{

try

{

b = Convert.ToInt32(value);

}

catch (FormatException e)

{

n = false;

d = value;

}

}

}

public static string Lianjie()

{

return (c+d);

}

public static string Shanchu()

{

return (c.Replace(d,""));

}

public static float Jia(string a,string b)

{

s = Convert.ToInt32(a) + Convert.ToInt32(b);

Console.WriteLine(s);

return s;

}

public static float Jian(string a,string b)

{

s=Convert.ToInt32(a) - Convert.ToInt32(b);

Console.WriteLine(s);

return s;

}

public static float Cheng(string a, string b)

{

s = Convert.ToInt32(a) \* Convert.ToInt32(b);

Console.WriteLine(s);

return s;

}

public static float Chu(string a, string b)

{

s=Convert.ToInt32(a) / Convert.ToInt32(b);

Console.WriteLine(s);

return s;

}

}

}