//new list…..

using System;

using System.Collections.Generic;

namespace list

{

class Program

{

static void Main(string[] args)

{

//declare list

List<person> personList = new List<person>();

//insert person

person p1 = new person(1, "lama", "hama");

personList.Add(p1);

personList.Add(new person(2, "maha", "homs"));

personList.Add(new person(3, "Reem", "aleppo"));

//get data from list

for(int i=0;i<personList.Count;i++)

Console.WriteLine("person data :"+personList[i].printPerson());

//remove first item in list

/\*personList.RemoveAt(0);

Console.WriteLine("After remove .....");

for (int i = 0; i < personList.Count; i++)

Console.WriteLine("person data :" + personList[i].printPerson());

personList.Insert(1, new person(4, "zeina", "hama"));

Console.WriteLine("After Insert person .....");

for (int i = 0; i < personList.Count; i++)

Console.WriteLine("person data :" + personList[i].printPerson());

//.... clear,indexOf,removeAll,Reverse,FindLastIndex,Exists,Contains

personList.Reverse();

for (int i = 0; i < personList.Count; i++)

Console.WriteLine("person data :" + personList[i].printPerson());

personList.Clear();

for(int i = 0; i < personList.Count; i++)

Console.WriteLine("person data :" + personList[i].printPerson());

\*\*/

int j= personList.IndexOf(p1);

Console.WriteLine(j);

}

}

}

//…………stack

using System;

using System.Collections;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace StackExample

{

class Program

{

static bool check(Stack s,String m)

{

for (int i = 0; i < m.Length; i++)

{

switch (m[i])

{

case '(':

{

s.Push(m[i]);

break;

}

case '[':

{

s.Push(m[i]);

break;

}

case '{':

{

s.Push(m[i]);

break;

}

case ')':

{

if (s.Count > 0 && s.Peek().ToString()[0]== ('('))

s.Pop();

else

return false;

break;

}

case ']':

{

if (s.Count > 0 && s.Peek().ToString()[0] == '[')

s.Pop();

else

return false;

break;

}

case '}':

{

if (s.Count > 0 && s.Peek().ToString()[0] == '{')

s.Pop();

else

return false;

break;

}

}

}

if (s.Count == 0) return true;

return false;

}

static void Main(string[] args)

{

Stack s = new Stack();

String math;

Console.WriteLine("Enter math value");

math = Console.ReadLine();

bool c = check(s, math);

if (c) Console.WriteLine("no error");

else Console.WriteLine("there is an error");

}

}

}