using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace DrowingFigures

{

class Program

{

static void Main(string[] args)

{

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

#region firstLine

Console.Write("+ ");

for (int i = 0; i < n - 2; i++)

{

Console.Write("- ");

}

Console.WriteLine("+");

#endregion

#region middle

Console.Write("| ");

for (int i = 0; i < n - 2; i++)

{

Console.Write("- ");

}

Console.WriteLine("|");

#endregion

#region lastLine

Console.Write("+ ");

for (int i = 0; i < n - 2; i++)

{

Console.Write("- ");

}

Console.WriteLine("+");

#endregion

}

}

}