```csharp
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text.RegularExpressions;

namespace HelloWorld
{
    public class Program
    {
        public static void Main(string[] args)
        {
        List <int> mylist = new  List <int> ();
                string userchar ;
                while (true)
                {
                Console.WriteLine("hay..please choose what you want to do");
                Console.WriteLine("press \"a\" to add a number");
                Console.WriteLine("press \"p\" to add a number");
                Console.WriteLine("press \"m\" to display mean of the numbers");
                Console.WriteLine("press \"s\" to display the smallest number");
                Console.WriteLine("press \"L\" to display the largest number");
                Console.WriteLine("press \"Q\" to Quit");
                userchar = (Console.ReadLine()). ToLower();

                    switch (userchar)
                    {
                        case "a" :
                            Console.WriteLine("enter the number  you want to
add");
                            int num1 = int.Parse(Console.ReadLine());
                                mylist.Add(num1);
                            Console.WriteLine($" :{num1} is added");
                    break;
                        case "p" :
                            for (int i=0 ; i < mylist.Count() ; i++)
                {
                Console.WriteLine(mylist[i]);
                }
                            break;

                        case "m" :
                            int sum = 0;
                            for (int i=0 ; i < mylist.Count ; i++)
                            {
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                sum += i;
            }
            double mean = (double) sum / mylist.Count ;
            Console.WriteLine($"mean value is {mean}");
            break;
        case "s" :
            int smallest = mylist[0];
             for ( int i= 1 ; i < mylist.Count  ; i++){
                    if (mylist[i] < smallest){
                    smallest = mylist[i];
                    }

             Console.WriteLine($"smallest number is
{smallest }");


             }
            break;

        case "l" :
            int largest = mylist[0];
             for ( int i= 1 ; i < mylist.Count  ; i++){
                    if (mylist[i] > largest){
                    smallest = mylist[i];
                    }

             Console.WriteLine($"largest number is {largest }");


             }
    break;
        case "q" :
            {
            Console.WriteLine("goodbye");
                return ;
            }
            default :
        Console.WriteLine("unknown selection , please try again
");

            break;
        }
```

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                }
            }
            }
        }
```