Code


escandallo
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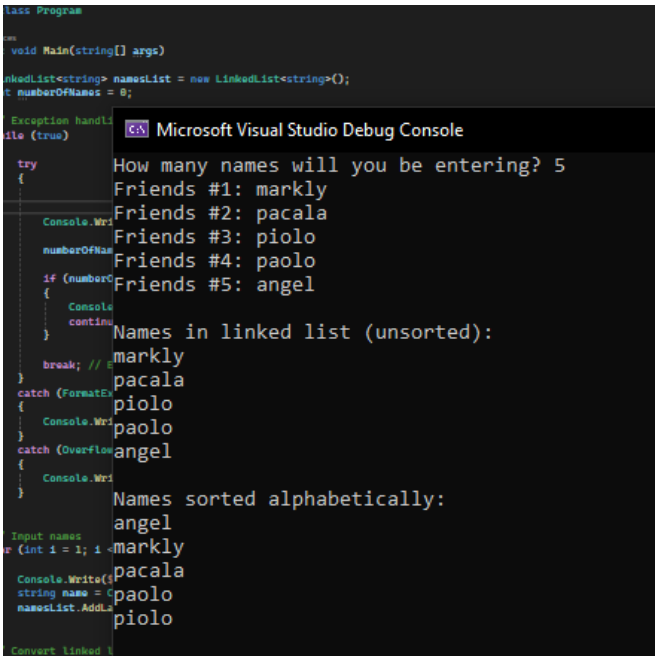
using System.Threading.Tasks;
namespace escandallo
{
internal class Program
{
static void Main(string[] args)
{
LinkedList<string> namesList = new LinkedList<string>();
int numberOfNames = 0;
// Exception handling for number of names
while (true)
{
try
{
Console.Write("How many names will you be entering? ");
numberOfNames = int.Parse(Console.ReadLine());
if (numberOfNames <= 0)
{
Console.WriteLine("Enter Positive Number:.\n");
continue;
}
break; // Exit loop if input is correct
}
catch (FormatException)
{
Console.WriteLine("The input is not numeric. Try again.\n");
}
catch (OverflowException)
{
Console.WriteLine("Input is too high. Enter a lower value.\n");
}
}
// Input names
for (int i = 1; i <= numberOfNames; i++)
{
Console.Write($"Friends #{i}: ");
string name = Console.ReadLine();
namesList.AddLast(name);
}
// Convert linked list to array for sorting
string[] namesArray = new string[namesList.Count];
namesList.CopyTo(namesArray, 0);
Array.Sort(namesArray);
// Display all elements from linked list
Console.WriteLine("\nNames in linked list (unsorted):");
foreach (var name in namesList)
{
Console.WriteLine(name);
}
// Display sorted names
Console.WriteLine("\nNames sorted alphabetically:");
foreach (var name in namesArray)
{
Console.WriteLine(name);
}
}
}
}
56 %
No issues found

Output


Microsoft Visual Studio Debug Console
How many names will you be entering? 5
Friends #1: markly
Friends #2: pacala
Friends #3: piolo
Friends #4: paolo
Friends #5: angel
Names in linked list (unsorted):
markly
pacala
piolo
paolo
angel
Names sorted alphabetically:
angel
markly
pacala
paolo
piolo