Dokumentation af projektet 'TriangleWiz' for Danske Bank.

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Data er hardcoded i programmet i Program.cs:

```
1 using System;
  2 using System.Collections.Generic;
   4 namespace TriangleWiz
                  class Program
  6
                            static void Main(string[] args)
  9
                                      TriangleWizard wiz = new TriangleWizard():
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12
                                     List<List<int>> triangleList = new List<List<int>>();
13
14
                                     triangleList.Add(new List<int> { 215 }):
                                      triangleList.Add(new List<int> { 192, 124 });
15
                                    triangleList.Add(new List<int> { 117, 269, 442 });
triangleList.Add(new List<int> { 218, 836, 347, 235 });
triangleList.Add(new List<int> { 220, 805, 522, 417, 345 });
triangleList.Add(new List<int> { 229, 601, 728, 835, 133, 124 });
triangleList.Add(new List<int> { 248, 202, 277, 433, 207, 263, 257 });
triangleList.Add(new List<int> { 359, 464, 504, 528, 516, 716, 871, 182 });
triangleList.Add(new List<int> { 461, 441, 426, 656, 863, 560, 380, 171, 923 });
triangleList.Add(new List<int> { 381, 348, 573, 533, 448, 632, 387, 176, 975, 449 });
triangleList.Add(new List<int> { 223, 711, 445, 645, 245, 543, 931, 532, 937, 541, 444 });
triangleList.Add(new List<int> { 330, 131, 333, 928, 376, 733, 017, 778, 839, 168, 197, 197 });
triangleList.Add(new List<int> { 131, 171, 522, 137, 217, 224, 291, 413, 528, 520, 227, 229, 928 });
triangleList.Add(new List<int> { 223, 626, 034, 683, 839, 052, 627, 310, 713, 999, 629, 817, 410, 121 });
triangleList.Add(new List<int> { 924, 622, 911, 233, 325, 139, 721, 218, 253, 223, 107, 233, 230, 124, 233 });
16
                                      triangleList.Add(new List<int> { 117, 269, 442 });
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                                      (int, List<int>) result = wiz.CalculatePath(triangleList);
                                     Console.WriteLine("Output: ");
Console.WriteLine("Max sum: {0} ", result.Item1);
Console.WriteLine("Path: " + String.Join(", ", result.Item2));
31
32
33
35
                }
36 }
```

Der instantieres et object af klassen TriangleWizard, hvor selve beregninger foregår i. Metoden CalculatePath kalder så en række andre metoder i klassen:

Resultatet kørt på udleverede data bliver så:

```
Output:
Max sum: 8186
Path: 215, 192, 269, 836, 805, 728, 433, 528, 863, 632, 931, 778, 413, 310, 253

Press any key to continue... logout
Saving session...
...copying shared history...
...saving history...truncating history files...
...completed.

[Proces udført]
```