Programming Biro Assignment 2

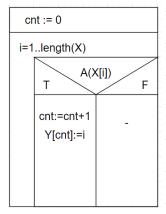
Task: More expensive tickets

A travel agency stores how much the plane tickets to cities being different distances away cost. Write a program that lists the cities to which the price per kilometer is greater than HUF 100.

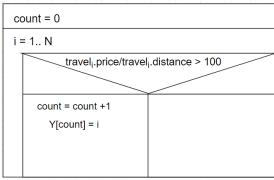
Specification

Algorithm

Pattern -> Multiple item selection



Pattern		Task
cnt	->	count
length(X)	->	N
A	->	travel _{i:} price/travel _i :distance>100
Y	->	Y



Implementation - Code

```
using System;
namespace ConsoleApp1
{
    struct travels
    {
        public double distance;
        public double price;
    }
    internal class Program
    {
        static void Main(string[] args)
        {
            ///Declaration
            ///
            int N;
```

```
const int MaxN = 100;
travels[] travel = new travels[MaxN];
int count;
int[] Y;
///Input
///
N = Int32.Parse(Console.ReadLine());
for (int i = 0; i < N; i++)
    string[] tmp = Console.ReadLine().Split(" ");
    travel[i].distance = double.Parse(tmp[0]);
    travel[i].price = double.Parse(tmp[1]);
///Algorithm
///
count = 0;
Y = new int[N];
for (int i = 0; i < N; i++)</pre>
    if ((travel[i].price / travel[i].distance) > 100)
        Y[count++] = i+1;
///Output
///
string output = "";
for (int i = 0; i < count; i++)</pre>
   output = output + " " + Y[i];
output = count + output;
Console.WriteLine(output);
```