Kursträff 2: Parprogrammeringsuppgifter

Lösningsförslag (Program.cs)

```csharp
using System;

namespace KT02_parprogrammering {
    enum Mode {
        Multipy,
        Percentage,
        Divide
    }

    class Program {
        static void Main(string[] args) {
            var mode = Mode.Multipy;
            decimal X, Y;

            Console.Write("X: ");
            var inputX = Console.ReadLine();
            Console.Write("Y: ");
            var inputY = Console.ReadLine();

            if (
                !decimal.TryParse(inputX, out X) ||
                !decimal.TryParse(inputY, out Y)
            ) {
                Console.WriteLine("Ogiltig inmatning!");
            } else {
                decimal result;

                Console.Write("Mode: ");
                var modeInput = Console.ReadLine();
                if (modeInput == "percent") {
                    mode = Mode.Percentage;
                } else if (modeInput == "divide") {
                    mode = Mode.Divide;
                }
                if (mode == Mode.Multipy) {
                    result = X * Y;
                } else {
                    result = X / Y;
                }
                Console.WriteLine(
                    "Resultat: " +
                    result.ToString(
                        mode == Mode.Percentage ? "P2" : "N3"
                    )
                );
            }
            Console.ReadKey();
        }
    }
}
```