# Version 1:

Let’s imagine you are working in an outsourcing company. You current project calculates salary for an employee. Your team implements a module responsible for the tax calculations.

Please implement a separate DLL. It should get the country name as a parameter and return the tax value in percent. Also please make a simple console app that uses your DLL. It should calculate the money a company must have for the salary. Let it be 3 people from USA, Ukraine and Norway.

Let consider these values for countries:

1. USA – 10 %

2. Ukraine – 15%

3. Norway – 30%

For example:

John from USA gets 2000 dollars, so a company must have 2200 to be able to pay the tax

Pavel from Ukraine gets 2000 dollars, so a company must have 2300.

Oddvar from Norway gets 2000 dollars, so a company must have 2600.

Additions:

1. Return the “additional tax” value via the method parameters (out) in addition the tax value. For example, in Ukraine it is tax for the pension fund is 3% in addition to the main one.

2. Find a way not to put an assembly in the projects that uses it via GAC.

# Version 2:

Implement a DLL with logic, and a simple C# application that uses it. It will calculate the money an employee gets per month based on different tax in different provinces. For example:

Company pays $2000 per month. Provinces taxes:

Quebec: 24%

Ontario: 11.16%

Alberta: 10%

In Quebec, a worker will get $1520, etc.

Move the calculation logic to the DLL.