**Git**

Repository: <https://github.com/myouri-code/lismoica>

**Symfony**

Create a Symfony project:

$ composer create-project symfony/website-skeleton my\_project\_name

If no my\_project\_name, the folder create will be named website-skeleton

**What I learned through Tuto #1**

Tuto: <https://youtu.be/UTusmVpwJXo>

Visual Studio Code:

* Show terminal: View > Terminal
* Delete complete line: control + u

Command-line:

* Install a personalized server to launch our Symfony app that will be used only when I dev (aka no need to install it when app goes in prod): $ composer require server --dev
* Install a library: composer require [xxx]
* Launch server on localhost:8000 (http://127.0.0.1:8000): $ php bin/console server:run
* Create a controller: $ php bin/console make:controller
* xxx

How Symfony works:

* Controllers: to manage treatments
* Doctrine: to access data
* Twig: to manage display

Controllers:

* When one goes to a web application, the browser (Lilo, Safari…) which called the web application needs a response from it.
* The browser calls a Route (an address) 🡪 the server receives the Request 🡪 the server sends a Response (can be a HTML page or redirection) 🡪 the Browser uses the Response.
* AKA Controllers listen to an address (Route in Symfony) 🡪 analyze HTTP request sent by the browser to the Route 🡪 make an HTTP answer 🡪 send answer to browser in order to have either a display, redirection, download of an image or file…
* Controller will contain only 1 class.
* There will be many controllers in this web application (one for the Blog, one for the Article…)

Annotations:

* Will begin with @ in comment
* @Route: when browser calls this Route, Symfony needs to call the function related (there are 2 ways to call this route: by its exact path or by its name)

Symfony folders:

* src: all php code
* templates: manages display

Bootstrap theme:

* Go to Bootswatch to find Bootstrap 4 pre-manufactured themes
* Download the Flatly theme (<https://bootswatch.com/flatly/)>
* Click right on bootstrap.min.css (Flatly dropdown)
* Add <https://bootswatch.com/4/flatly/bootstrap.min.css> on the base twig (so it’ll deploy on all web pages) 🡪 add a link tag above stylesheets block (nothing is in the blocks in the base twig to let one customizes the pages at her hear content)

Step by step:

1. Creation of Symfony project (website-skeleton), appears on localhost:8000
2. Installation of personalized server
3. Run of server (cannot write on terminal #1 anymore)
4. Opening new terminal to create controller (BlogController) – *controller purpose is to listen to browser request on web application and create an answer which will be displayed by browser; so, we create a controller for the Blog*.
5. Chose a Bootstrap theme (<https://bootswatch.com/flatly/)>