

## Course: Introduction to Programming Using Python

### Module 20. Frameworks. Part 3

#### Task 1

Use the routing mechanism to create a web app that outputs information about a country. The app should have the following sections:

- Main;
- History;
- Cities;
- Facts about the Country.

Different sections must be accessed via different addresses.

For instance, if the user enters `127.0.0.1:8000`, the Main section should open.

If `127.0.0.1:8000/history` is entered, the History section should open.

If `127.0.0.1:8000/cities`, the Cities section should open.

If `127.0.0.1:8000/facts`, the Facts about the Country section should open.

#### Task 2

Add the ability to process the following requests to the project from Task 1:

- `127.0.0.1:8000/cities/Paris` opens a page with information about Paris.

- *127.0.0.1:8000/cities/Marseille* opens a page with information about Marseille.

If there is no information about the specified city, redirect to the Cities section.

## Task 3

Add the ability to process the following requests to the project from Task 1:

- *127.0.0.1:8000/history/1885* opens a page with information about what happened in France in 1885.
- *127.0.0.1:8000/history/1914* opens a page with information about what happened in France in 1914.

If there is no information about the specified year, redirect to the History section.

## Task 4

Add the ability to process the following requests to the project from Task 1:

- *127.0.0.1:8000/cities/Paris/1924* opens a page with information about what happened in Paris in 1924.
- *127.0.0.1:8000/cities/Marseille/1956* opens a page with information about what happened in Marseille in 1956.

If there is no information about the specified year, redirect to the Cities page.

## Task 5

Add the ability to process the following requests to the project from Task 1:

- `127.0.0.1:8000/cities/?city=Paris&year=1924` opens a page with information about what happened in Paris in 1924.
- `127.0.0.1:8000/cities/?city=Marseille&year=1956` opens a page with information about what happened in Marseille in 1956.

If there is no information about the specified year, redirect to the Cities page.