Course: Introduction to Programming Using Python

Module 20. Frameworks. Part 4

Task 1

Use templates to create an app that outputs "Hello, World!"

Task 2

Let the inscription be output in German, French, and Spanish. Inscriptions in different languages must be accessed via different routes.

For instance:

- *127.0.0.1:8000* outputs the inscription in English.
- *127.0.0.1:8000/fr* in French.
- *127.0.0.1:8000/de* in German.
- *127.0.0.1:8000/es* in Spanish.

Task 3

Use templates to create a sports web app with different sections.

The following sections are required: Main, Football, Hockey, Basketball.

Each section is accessed via a unique route:

- *127.0.0.1:8000* outputs the Main section.
- *127.0.0.1:8000/football* outputs the Football section.
- *127.0.0.1:8000/hockey* outputs the Hockey section.
- *127.0.0.1:8000/basketball* outputs the Basketball section.

Task 4

Use templates to create a web app that outputs the current time and date.

Depending on the time of day, output one of the following:

- Good morning!
- Good day!
- Good evening!

Task 5

Use templates to create a web app for cooking recipes. The recipe name is passed through the search bar.

For instance:

- *127.0.0.1:8000/?recipe=goulash* outputs the goulash recipe.
- *127.0.0.1:8000/?recipe=dumplings* outputs the dumplings recipe.