# Course: Introduction to Programming Using Python

## Module 20. Frameworks. Part 11

In this Practice, you should create web services that provide access to their functionality via REST API.

### Task 1

Create a web service that provides information about:
- Current time on the server;
- Current date;
- Current day of the week.

### Task 2

Create a web service that greets the user differently depending on the time of day. If the user accesses the service from 5 a.m. to 12 a.m., the web service returns "Good morning." If from 12 a.m. to 6 p.m., it returns "Good day." If from 6 p.m. to 11 p.m., it returns "Good evening." If from 11 p.m. to 5 a.m., it returns "Good night."

### Task 3

Create a web service that performs arithmetic operations for two numbers:
- Multiply two numbers;
- Add two numbers;
- Arithmetic mean of two numbers
- The smallest of two numbers;
- The largest of two numbers.

## Task 4

Create a web service that raises a number to a power. The service gets a number and power that it needs to be raised to. Then it returns the result to the user.