# Course: Introduction to Programming Using Python

## Module 9. Object-Oriented Programming.

## Topic. Classes. Objects. Part 1

### Task 1

Implement a class Human. Class fields should store the following: full name, date of birth, contact number, city, country, home address. Implement class methods for data input and output, provide access to individual fields through class methods.

### Task 2

Create a class City. Class fields should store the following: city name, region name, country name, number of citizens, zip code, area code. Implement class methods for data input and output, provide access to individual fields through class methods.

### Task 3

Create a class Country. Class fields should store the following: country name, continent, population, calling code, capital, city names. Implement class methods for data input and output, provide access to individual fields through class methods.

## Task 4

Create a class Fraction. Class fields should store the following: numerator and denominator. Implement class methods for data input and output, provide access to individual fields through class methods. Also, create class methods for arithmetic operations (add, subtract, multiply, divide, etc.).