Course: Introduction to Programming Using Python

Module 9. Object-Oriented Programming

Topic. Classes. Objects. Part 1

Task 1

Implement a class Car. Class fields should store the following: model, year of release, manufacturer, engine capacity, color, price. Implement class methods for data input and output, provide access to individual fields through class methods.

Task 2

Implement a class Book. Class fields should store the following: title, year of release, publisher, genre, author, price. Implement class methods for data input and output, provide access to individual fields through class methods.

Task 3

Implement a class Stadium. Class fields shout store the following: stadium's name, date of opening, country, city, seating capacity. Implement class methods for data input and output, provide access to individual fields through class methods.