

Object-Oriented Programming

Project Statement

Academic Year 2018-2019

This project must be carried out by up to two students, and must be submitted to oop@montefiore.ulg.ac.be for April 22nd at the latest. Projects returned after the deadline will not be corrected. Plagiarism will not be tolerated, in line with the policy of the university.

The 20 hexagons and 12 pentagons shown below can be assembled in order to form a soccer ball. An assembly is considered to be valid if each convex side of an element is matched with a concave side of another one.

The problem consists in writing a Java program that computes a valid assembly of those 32 elements, and describes this assembly.

