Intelligent Systems

Assignment 1. Programming in Python

Assignment description

Since several of the course assignments will require you to program solutions to problems with the Python programming language by reusing the code from the AIMA (our textbook) Online Code Repository, in this assignment you will be asked to write a very, very simple Python program for managing the most basic information for several savings bank.

Python is an object-oriented programming language (OOP). In Python, as in all the other OOP languages, you can create new data types as classes. For this assignment, you are required to create a class for objects of the type Bank. This objects will manage the financial information of clients, in particular, the minimal information about their amount of savings. Instantiations of the class Bank will allow you to create Bank objects that contain attributes and methods for managing the information of the bank and its client accounts, and execute basic functions for performing bank transactions and showing some simple reports.

For the assignment, you must modify the attached `savings.py` python file in order to produce the output included in the attached output.py file and that's all!!

Delivery instructions:

- Only one of the team members must upload the completed `savings.py` python file to Blackboard.
- The solution must be contained within the compressed M.zip file, where M must be replaced by the student ids of the team members. For example, `A01111111_A00999999.zip` should contain the solution of the team whose members are A01111111 and A00999999.
- The source code must include the team data as Python comments.
- It is also advisable to add descriptive comments to your code.

Evaluation criteria:

- Not delivered assignment (0).
- The program lacks many elements and generate errors during its execution (40).
- The program includes most of the elements but generate errors during its execution (60).
- The program include most of the elements, does not generate execution errors, but some of the outputs are incorrect (80).
- The program include all the elements and runs as asked (100).