OOP WS2020/21

EXERCISE 7

1. Extends the **Classroom** class from exercise 4,5, and 6 with two new methods:
   - load(String) will return the status of the loading action. The method will load the participants data from a file, all the participants on the classroom will be cleared and replaced with the data from the file.
   - save(String) will return the status of the saving action. The method will save all participants data to a file.

   Hints: you may need to slightly modify the Student class in order to support both functions.

2. Extends the **BucketOfObjects** class from exercise 4,5, and 6 with two new methods:
   - load(String) will return the status of the loading action. The method will load the objects data from a file, the loaded objects will be added to the bucket.
   - save(String) will return the status of the saving action. The method will save all objects in the bucket to a file.

   The bucket can store multiple items in its list.

(Hints: Define your own structure how the data will be stored in the file.)