

Hometask 2

1. Read the tutorial **Basic I/O**:

<https://docs.oracle.com/javase/tutorial/essential/io/index.html>

2. Give answers on the following questions:

1. What class and method would you use to read a few pieces of data that are at known positions near the end of a large file?
2. When invoking `format`, what is the best way to indicate a new line?
3. How would you determine the MIME type of a file?
4. What method(s) would you use to determine whether a file is a symbolic link?

• Add following functionality to your project and provide evidence of the functionality:

- Create multi user access to the charging station – external users who could book timeslot and be part of the prioritized queue, administrators
- Create metadata for your project
- managing the log files - create, move, delete, archive. Log files should be divided into classes – functionality of the system, functionality of a charging station, functionality of the energy management system.
- Use byte and character streams for simulation of the data exchange in the system