

A small tool for formatting text

Create a Java application which reads a text from standard in and writes the formatted output to the console. Alignment and output width is given as program arguments.

Implement at least 3 of the following formatting algorithms:

- left align
- right align
- center
- justify
- hard

The application must be written in a way that makes it possible to implement remaining algorithms without any considerable changes to existing code.

The project must be built with maven or gradle and produce an "executable" jar file called formatter.jar, e.g. java -jar target/formatter.jar. It is not allowed to include any runtime dependencies. It is allowed to use junit dependency for tests.

Examples:

Input	Output
"This text should be left aligned "	Left align width 10: "This text \nshould be \nleft \naligned " Left align width 20: "This text should be \nleft aligned "
"This text should be right aligned ";	Right align width 10: " This text\n should be\n right\n aligned" Right align with 20: " This text should be\n right aligned"
"This text should be center aligned "	Center align width 10: "This text \nshould be \n center \n aligned " Center align width 20: "This text should be \n center aligned "

The source code can be zipped and emailed or put in a private GitHub repo where you invite the user "JeppePublic"