Description

This is an GUI Application (JavaFX based) to convert the currency rate.
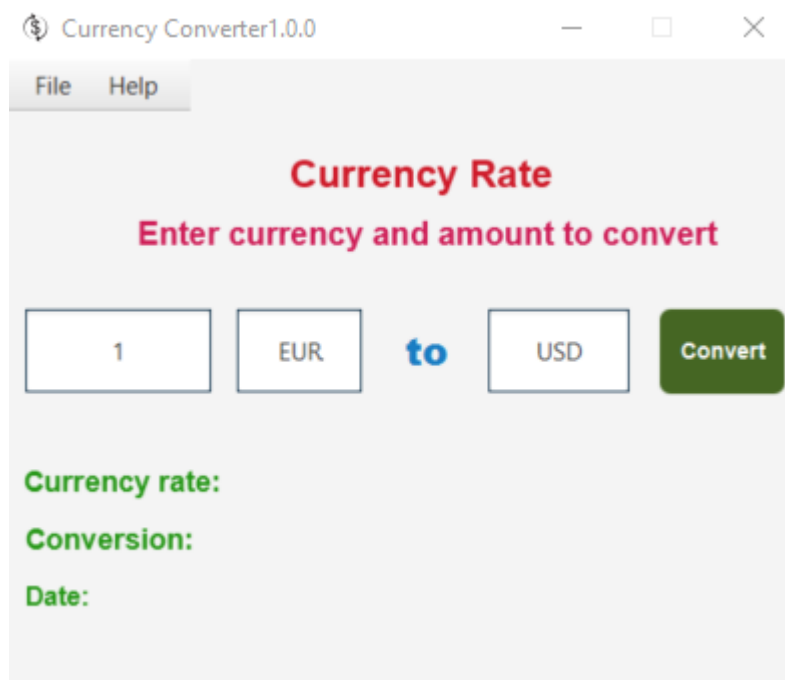

Abbreviations

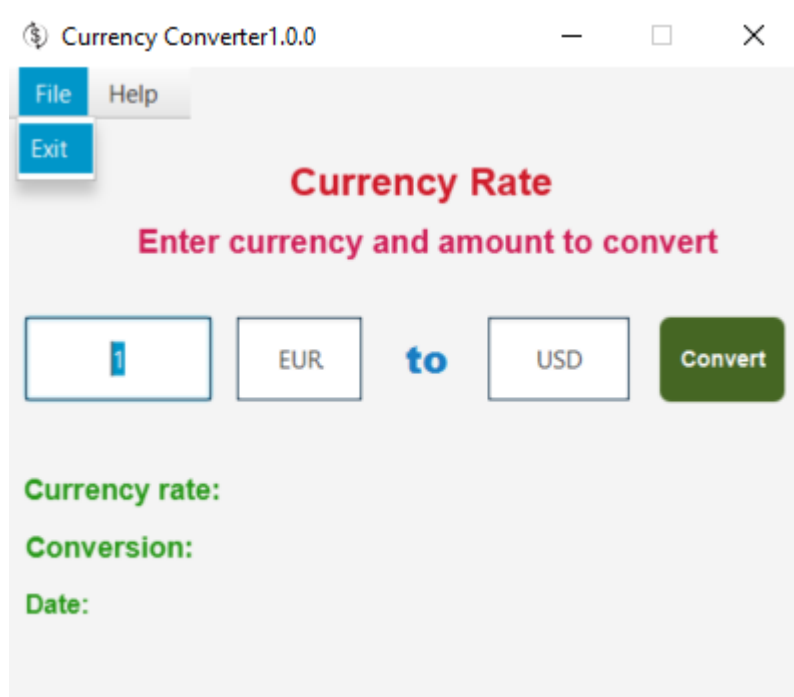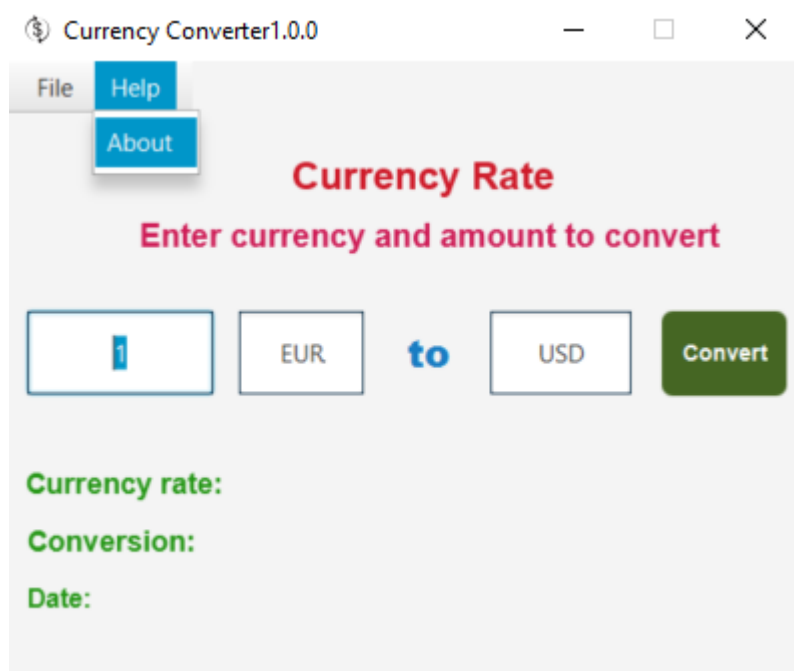| Abbreviation	Description
GUI	**G**raphical **U**ser **I**nterface
HTML	**H**yper**T**ext **M**arkup **L**anguage
JDK	**J**ava **D**evelopment **K**it
JRE	**J**ava **R**untime **E** **n**vironment

How to run the tool

The application also has a menu bar with two options, File and Help.

If you pressed the file option, you have the possibility to exit from application.

If you pressed the help option, you have the possibility to open the application documentation in browser.

Output of application

The application generate a report html. This report contains the status of currency conversion. Below is attached the structure of generated html report.

Conversion Status

Conversion Date: 2023-08-05 14:04:16.248

The starting currency value: 1.0

Departure currency: EUR

Arrival currency value: 1.1764705882352942

Arrival currency: USD

Conversion value: 1.1764705882352942

Limitations

- The initial implementation has the hardcoded exchange rates instead of making an API call.

Technical aspects

- Running using JDK and JRE 1.8.
- Running using GUI functionality.

History

- Version 1.0.0 - Initial version of application (GUI app, currency conversion, html report generation, menu bar).