2018

Currency converter application
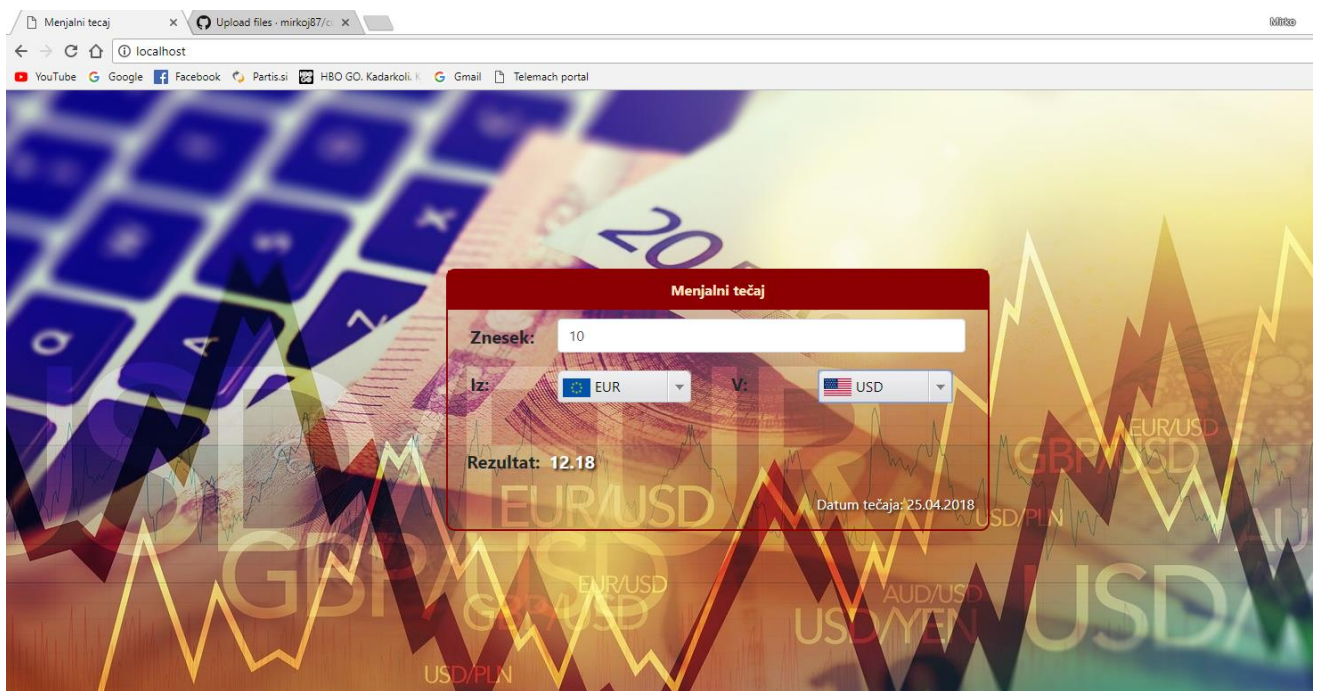
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Short description

The Currency converter application is a web application developed using JavaScript programming language, jQuery – JavaScript library, HTML and CSS.
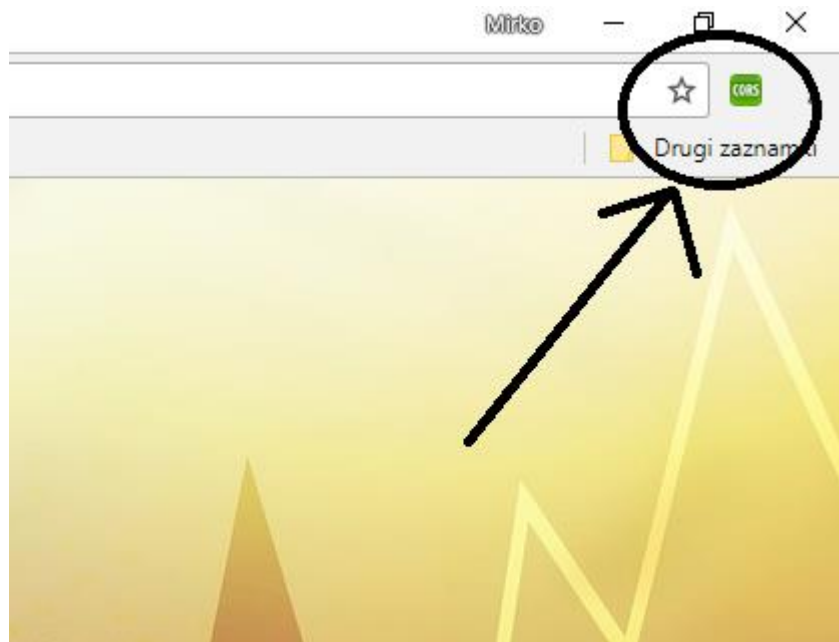
At the beginning, I installed HTTP server (Apache) on my computer to access data through localhost. Entry point of application is an *index.html* file. All logic is placed on a *menjalni.js* file.

Data was gathered (currencies and rates) from attached xml file (http://www.ecb.europa.eu/stats/eurofxref/eurofxref-daily.xml) using *Ajax* jQuery function. Two solutions are developed on the menjalni.js file. First solution gathers data from xml file on the web. Due to cross origin resource sharing is denied without presenting Access-Control-Allow-Origin header on the requested resource, I had to use Chrome extension *CORS* (https://chrome.google.com/webstore/detail/allow-control-allow-origi/nlfbmbojpeacfghkpbjhddihlkkiljbi) because I don't have access to server side. The server is responsible for reporting the allowed origins. The web browser is responsible for enforcing that requests are only sent from allowed domains. On the menjalni.js file is also developed the second solution, where I gathered data, also using Ajax function, from xml file previous saved on my file system.

Two main functions on the menjalni.js file are *loadCurrencies()*, which fills currency dropdowns and *convert()* function, which converts from one currency to other.

Example of conversion from EUR to USD

CORS extendion