

Additional assignment

Have you ever wondered what is a “true” value of the products you buy? How much does 1 horsepower of a car cost? How much does the cost of a square meter of a house decrease with moving 1 km away from the city center? How much does 1 year of maturation of 100ml whisky cost? What is the cost of a smartphone calculated by 1 GB of ram memory? Answers to these questions do not necessarily reflect the true value of a given product, but may help with making a more informed decision about what to buy.

The goal of this assignment is to write a web scraper in JavaScript for an online store of your choosing which will calculate this “unit value” of each product on that website. E.g., a ranking of single malt whisky according to the cost of a year of maturation of 100ml (e.g., a 700ml bottle of 50-year old Glen McKenna which costs 2500\$ has a “unit value” of 7.14\$ per 100ml for each year of maturation).

Useful resources:

- Node.js – online environment: <https://repl.it/languages/nodejs>
- Http library, e.g., <https://github.com/request/request>, <https://github.com/request/request-promise>
- Html navigation library, e.g., <https://github.com/jsdom/jsdom>

When the proces is over, the code should present the list of items with their name, price, and “unit price”, ordered by the “unit price”.

The deadline for this assignment is 05.04.2020.