

# EPAM Python for QA Training

## Homework 4

### Level 1

1. Write a function to get product price from web page for [Deshevshe](#) site. Handle the case when a product is out of stock.
2. Please change ownership for all issues in `bugs.json` to 'qa5'. Save result to `bugs_new.json`. Use `json loads` and `dumps` methods.
3. Write a script to parse `habraharb_all.xml` and print each article's title, author and all categories.

### Level 2

4. Transform `course.xml` to HTML:

- tag `name` -> `<title>`;
- `modules` -> `<article>` in `<body>` with `<h1>` for module name;
- `examples` -> `<ul>` and `<li>`;

5. Having data file with web site clients `clients.json`, find clients who don't have access to [web service](#) (site uses Basic Authentication).

### Level 3

6. Write a program to compare web service result in XML and JSON formats. Here is the information about web service:

- url: <https://python-for-qa.herokuapp.com/data>
- uses token based authentication, token should be passed in request header: `X-AUTH-TOKEN`
- to get token send GET request to <https://python-for-qa.herokuapp.com/login> (Basic Authentication, user=`admin`, password=`password`)
- service returns data in XML and JSON formats based on `Accept` header