33% z Lekce 15

Review test Intro

PYTHON ACADEMY / **PROJECT 3: ELECTIONS SCRAPER** / **REVIEW TEST INTRO**

Great! So now, you almost ready to do your third project ;)

However, before we set you off to dive into it, you should really go through the review test that is about to follow. It will test your knowledge from the previous 4 lessons. Depending on your score, you should consider revision of the particular lesson.

Good luck with the test as well as the project!

Review test 9-12

PYTHON ACADEMY / **PROJECT 3: ELECTIONS SCRAPER** / **REVIEW TEST 9-12**

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show questions

Why is it good to create modules and separate code into modules?

☐ Code can be reused by importing

☐ We can make more money as Python developers, who create modules

☐ Code gets well organized

☐ Some code cannot be executed within the same Python file

Project Description

PYTHON ACADEMY / **PROJECT 3: ELECTIONS SCRAPER** / **PROJECT** / **PROJECT DESCRIPTION**

The final project will find out, what skills have you gained not only in the last lessons, but throughout whole course. Properly designed Election scraper will fetch data directly from the web. Let´s do it!

The Assignment

Write a script that **downloads election results** of every municipality in every district **into csv file**.

At this page, you first have to choose the district by the X key in the column Výber obce (on the right). So for when you choose i.e. district Příbram you then have to choose the municipality. This time you choose by the number of the municipality (column číslo on the left). So, i.e. Dobříš will have the number 540111.
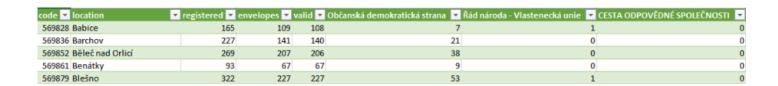
Input

The script expects two inputs:

- Link where the list of the municipalities is located

- name of the csv file without the suffix .csv

Output

The header of the csv file should have the following: municipality code, name of location, voters in the list, distributed voting envelopes, valid votes, candidate parties. Each row of the csv file will then represent individual municipalities. So an example of Hradec Králové would look like this:

code	location	registered	envelopes	valid	Občanská demokratická strana	Řád národa - Vlastenecká unie	CESTA ODPOVĚDNÉ SPOLEČNOSTI
569828	Babice	165	109	108	7	1	0
569836	Barchov	227	141	140	21	0	0
569852	Běleč nad Orlicí	269	207	206	38	0	0
569861	Benátky	93	67	67	9	0	0
569879	Blešno	322	227	227	53	1	0

DALŠÍ LEKCE