

Python & Django Intro

In this laboratory work you have to show your knowledge in python and Django Init.

Task 1

1. <https://informatics.msk.ru/>
 - a. [Ввод-вывод, оператор присваивания](#) (A-E)
 - b. [Условный оператор](#) (A-E)
 - c. [Циклы](#)
 - i. [Цикл for](#) (A-M)
 - ii. [Цикл while](#) (A-E)
 - d. [Массивы](#) (A-G)
 - e. [Функции](#) (A-C)
2. <https://www.hackerrank.com/domains/python>
 - a. any 10 problems
3. <https://codingbat.com/python>
 - a. all section in Python tab (from Warmup-1 till List-2)

Task 2

1. Install virtualenv
2. Practice creating new environments
3. Create empty Django project
4. Create SuperUser and login to Admin Site

Useful links

1. <https://www.learnpython.org/>
2. <https://www.codecademy.com/learn/learn-python>
3. <https://tutorial.djangogirls.org/ru/>
4. PEP 8 Style Guide <https://www.python.org/dev/peps/pep-0008/>

Setup workspace

1. Install Python (≥ 3.6)
2. Install comfortable Editor
 1. [PyCharm Community Edition](#) (recommended)
 2. [VS Code](#)

GOOD LUCK :)