Python & Django Intro

You must show your Python and Django Init knowledge in this laboratory work.

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 sections in the Python tab (from Warmup-1 till List-2)

Task 2
1. Install virtualenv
2. Practice creating new environments
3. Create an empty Django project
4. Create SuperUser and log in to the 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 (>= 3.8)
2. Install comfortable Editor
    1. PyCharm Community Edition
    2. VS Code

GOOD LUCK :)