Exercise Sheet 0: Introduction to Python
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Exercise 0.1. Make sure that git[1] and git-lfs[2] are installed in your computer.

Exercise 0.2. Find a Python 3 interpreter and a suitable code editor for your platform and make sure they are installed on your computer.

Exercise 0.3. Write a (Python) program that takes as input a directed graph in the format given below, and prints out all vertices that have maximal out-degree. The input should be read from a file given as a command-line argument.

The file format is as follows:

$$
\begin{array}{cc}
n & \\
s_1 & t_1 \\
s_2 & t_2 \\
s_3 & t_3 \\
\vdots & \vdots \\
s_m & t_m
\end{array}
$$

The first line consists of a single integer n, the number of vertices of the graph. Each of the following lines consists of two integers s_i and t_i, specifying an edge from vertex s_i to vertex t_i, separated by a space. Vertices are numbered $0, 1, \ldots, n - i$.

As an example, the following input encodes a directed triangle:

```
3
0 1
1 2
2 0
```
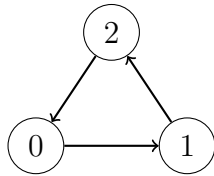

Data files are available on Github[3].

Exercise 0.4. Modify your program to compute the vertices of minimal in-degree instead.