App Deployment Training

2021-10-31

# Get started with programming in Python

Download Python <https://www.python.org/>

Why Python: Number 1 language according to TIOBE index <https://www.tiobe.com/tiobe-index/>

Open Terminal, and run python:

>>> print(“Hello World”)

# Develop your first web app with Streamlit

Install via PIP (package manager for Python):

$ pip install streamlit

Or if you cannot find pip:

$ python3 -m pip install streamlit

Develop your first app.py:

import streamlit as st

st.write(“Hello World!”)

Read more: <https://streamlit.io/>

# Deploy with Git & Heroku

Learn the basics about source control with Git: <https://git-scm.com/>

Heroku tutorial: <https://devcenter.heroku.com/articles/getting-started-with-python>

**Required files**

1. setup.sh
2. [Procfile](https://devcenter.heroku.com/articles/procfile)
3. requirements.txt

Additional tutorial: <https://github.com/slevin48/streamlit>