

LAB 1 – PYTHON EXPERIMENTS

1.1 Install different tools/packages on Ubuntu DEVASC-LABVM:

- Python 3.8 and PIP
- Visual Studio Code
- Jupyter Notebook
- Python IDLE

Document your findings in 3 steps:

- Task preparation and implementation:
- Task troubleshooting:
- Task verification:

1.2 Run geopy and timedate Python Scripts on the DEVASC-LABVM using the tools above (1.1):

- timedate.py
- geopy-geocoders_location.py
- location.py

Scripts can be found via Github repository: <https://github.com/KathleenHombroeks/PythonExperiments>

Document your findings in 3 steps:

- Task preparation and implementation:
- Task troubleshooting:
- Task verification:

1.3 Install different tools/packages on Windows OS (deep dive exercise) ++

- Python 3.8 and PIP
- Visual Studio Code
- Jupyter Notebook
- Python IDLE

Investigate the compatibility of the tools with Windows OS and explain briefly if necessary.

Document your findings in 3 steps:

- Task preparation and implementation:
- Task troubleshooting:
- Task verification:

1.4 Install different tools/packages on Ubuntu 22.04.01 LTS (deep dive exercise) ++

- Python 3.8 and PIP
- Visual Studio Code
- Jupyter Notebook
- Python IDLE

Document your findings in 3 steps:

- Task preparation and implementation:
- Task troubleshooting:
- Task verification: