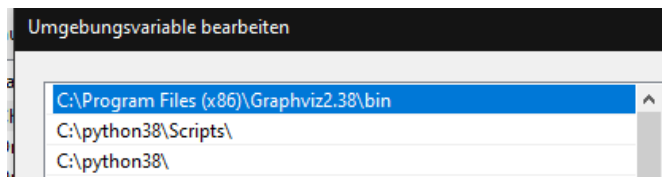


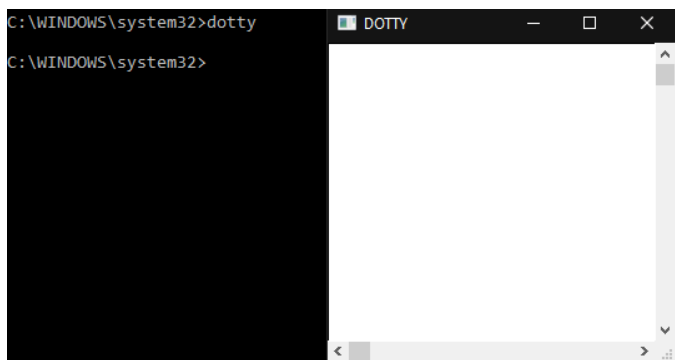
## Running atomic Decomp from the command line

Tested up to python version 3.8.0 at this time.

1. Install Python up to version 3.8.0 from the official python website (<https://www.python.org/downloads/>)
2. Download and install „graphviz“ from <https://graphviz.gitlab.io/download/> and add the „bin“-directory to your system „Path“ environment variable.  
It should look like in this picture.  
It is not enough to install graphviz via pip, even if there is a package for this. The pip package does not copy the needed binarys so the program will not ran. A correct installation of graphviz is required.



3. Open an command prompt and run „dotty“ to test and verify the installation of graphviz. There should appear a white window like in the screenshot below.



4. Run „python“ from the commandline and verify you’re running the version of python you’ve installed in step 1.

```
C:\Users\Lukas>python
Python 3.8.0 (tags/v3.8.0:fa919fd, Oct 14 2019, 19:21:23) [MSC v.1916 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>>
```

If you’ve installed multiple python installations on your system, make sure to put the execution directory on the top of your „Path“ environment variable.

5. Install the package „anytree“ with pip. Use the command „pip install anytree“ and verify your installation by running „pip list“.

```
C:\WINDOWS\system32>pip list
Package    Version
-----
anytree    2.7.2
pip        19.3.1
setuptools 41.2.0
six        1.12.0
```

6. In the last step clone the repository and run atomic\_Decomp.py with the command „python atomic\_Decomp.py“ and compute your formulas.