

A better print statement

Small demo

1. What is the point exactly

While writing Python Code one usually inserts print statements such as this:

```
print ("I am here, doing this")
```

to help finding bugs.

This is a bad idea since one has to remove these statements for the production version of the program. Or make them conditional with something like this:

```
if (debug_variable):  
    print ("I am here, doing this")
```

The demo program **demo_printest_1.py** demonstrates the use of the **class MyPrint**. Depending on the commandline parameter more or less debug output is written to the console **AND** to the logfile.

So use these commandline parms:

- none
- -d: minimal debug output
- -D more debug output
- -A even more debug output

The demo program **demo_printest_2.py** also demonstrates the use of the class MyPrint.

The program contains a programing error in this statement: nummer[4]=23

An exception is raised and this fact is also recorded in the logfile.

Note: I always include class definition files in a folder **sub**. You will find the class definition in the file myprint.py in this folder.. This file contains actually two classes: MyLog and MyPrint which inherits from MyLog.

Note on logfiles:

Checkout the docu on logfiles here: The class **MyLog** implements the actual logging.

[Logging in Python](#)

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