

main.py

```
001 # Main-Script
002 # #####
003
004 # This python script automatically launches all other python scripts in the
005 # right order and computes the entire task.
006
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014
015 # #####
016
017 # Import of Libraries
018 # -----
019
020 # import math as m
021 # import string as st
022 # import random as r
023 # import re
024 import os
025 import platform
026
027
028 # -----
029 # Debugging-Settings
030
031 verbose = True # Shows more debugging information
032
033 # Functions
034 # -----
035
036 def run_script(script_name):
037     """
038     This function executes python scripts via the command line.
039
040     Args:
041         script_name (str): name of the python script (eg: "demo.py")
042     """
043     if(platform.system() == "Linux"):
044         if(verbose):
045             print(f'[Info] Executing "{script_name}" as Linux-User')
046             os.system(f'python3 {script_name}') # Run on Linux
047     elif(platform.system() == "Windows"):
048         if(verbose):
049             print(f'[Info] Executing "{script_name}" as Windows-User')
050             user = os.environ.get('USERNAME')
051             os.system(f'C:/Users/{user}/anaconda3/python.exe {script_name}') # Run on Windows
052
053
054 # Classes
055 # -----
056
057
058 # Beginning of the Programm
059 # -----
060
061 if __name__ == '__main__':
062     run_script("prepare_data.py")
063     run_script("mems.py")
```