LU08.L02: Funktion für Bash-Befehle

```
def execute_bash(command):
    """
    Execute a Bash command and return the result.
    Parameters
    ----------
    command : str
        The Bash command to execute.
    Returns
    -------
    subprocess.CompletedProcess
        The result of the command execution.
    """
    try:
        result = subprocess.run(
            command,
            shell=True,  # Use a shell to interpret the command
            check=True,  # Raise an error if the command fails
            text=True,  # Capture output as a string
            stdout=subprocess.PIPE,  # Redirect standard output
            stderr=subprocess.PIPE  # Redirect standard error
        )
        return return [result.returncode, result.stdout]
    except subprocess.CalledProcessError as e:
        print(f'Error executing the command: {e.cmd}')
        print(f'Error message: {e.stderr}')
        sys.exit(1)
    except Exception as ex:
        print(f'An unexpected error occurred: {ex}')
        sys.exit(1)
```

M122-LU08

Marcel Suter

From:
https://wiki.bzz.ch/ - **BZZ - Modulwiki**

Permanent link:
https://wiki.bzz.ch/modul/m122/learningunits/lu08/loesungen/subprocess

Last update: **2024/12/16 09:00**