

```
1: """
2: Algemene module voor Python scripts.
3:
4: Deze module geeft toegang tot algemene functies.
5: """
6: #####
7: # Geschreven door Karel Zimmer <info@karelzimmer.nl>.
8: #
9: # Auteursrecht (c) 2021 Karel Zimmer.
10: # GNU Algemene Publieke Licentie <https://www.gnu.org/licenses/gpl.html>.
11: #
12: # ReleaseNumber: 01.00.11
13: # DateOfRelease: 2021-05-08
14: #####
15: module_name = 'kzcommon.py'
16:
17:
18: def process_option_version(program_name):
19:     """
20:     Deze functie zoekt versie-informatie in <program_name>,
21:     en toont deze info samen met auteur en auteursrecht.
22:     """
23:     release_number = release_date = copyright_years = None
24:
25:     # Find release_number, release_date, and copyright_years in filename.
26:     try:
27:         with open(__file__.replace(module_name, program_name)) as fh:
28:             for line in fh:
29:                 if 'Auteursrecht (c) ' in line and copyright_years is None:
30:                     data = line.split()
31:                     copyright_years = data[3]
32:                 if '# ReleaseNumber:' in line and release_number is None:
33:                     data = line.split(': ')
34:                     # e.g. data = ['# RelNum', '01.00.00\n'], remove \n.
35:                     release_number = data[1].rstrip('\n')
36:                 if '# DateOfRelease:' in line and release_date is None:
37:                     data = line.split(': ')
38:                     # e.g. data = ['# RelDat', '1970-01-01\n'], remove \n.
39:                     release_date = data[1].rstrip('\n')
40:                 if (release_number is not None
41:                     and release_date is not None
42:                     and copyright_years is not None):
43:                     break
44:     except Exception as ex:
45:         print(ex)
46:         return 1
47:
48:     print(f"""{program_name} {release_number} ({release_date})
49:
50: Geschreven door Karel Zimmer <info@karelzimmer.nl>.
51:
52: Auteursrecht (c) {copyright_years} Karel Zimmer.
53: GNU Algemene Publieke Licentie <https://www.gnu.org/licenses/gpl.html>.""")
54:
55:
56: if __name__ == '__main__':
57:     print(f'{module_name}: ik ben een module')
58:
59: # EOF
60:
```