

Untitled18

September 23, 2021

```
[35]: # VB 1
acteurs = ['Timothee Chalamet', 'Tom Holland', 'Keanu Reeves']
actrices = ['Jeri Ryan', 'Claudia Cristian', 'Scarlett Johansson']

acteurs_oud = acteurs.copy()

acteurs.append('Bruce Willis')
print(acteurs)

acteurs.extend(actrices)
print(acteurs)

print(acteurs_oud)
```

```
['Timothee Chalamet', 'Tom Holland', 'Keanu Reeves', 'Bruce Willis']
['Timothee Chalamet', 'Tom Holland', 'Keanu Reeves', 'Bruce Willis', 'Jeri
Ryan', 'Claudia Cristian', 'Scarlett Johansson']
['Timothee Chalamet', 'Tom Holland', 'Keanu Reeves']
```

```
[40]: # VB 2
acteurs = ['Timothee Chalamet', 'Tom Holland', 'Keanu Reeves']
actrices = ['Jeri Ryan', 'Claudia Cristian', 'Scarlett Johansson']

acteurs = acteurs + ['Bruce Willis']
print(acteurs)

acteurs = acteurs + actrices
print(acteurs)

print(actrices * 2)
```

```
['Timothee Chalamet', 'Tom Holland', 'Keanu Reeves', 'Bruce Willis']
['Timothee Chalamet', 'Tom Holland', 'Keanu Reeves', 'Bruce Willis', 'Jeri
Ryan', 'Claudia Cristian', 'Scarlett Johansson']
['Jeri Ryan', 'Claudia Cristian', 'Scarlett Johansson', 'Jeri Ryan', 'Claudia
Cristian', 'Scarlett Johansson']
```

```
[77]: # VB 3
word = 'Lasagne'

for letter in word:
    print(letter)
```

L
a
s
a
g
n
e

```
[69]: # VB 4
gerecht = 'Lasagne'

for letter in 'Lasagne':
    print(letter)
```

L
a
s
a
g
n
e

```
[13]: # VB 5
for i in range(3):
    for j in range(4):
        print(i + j)
```

0
1
2
3
1
2
3
4
2
3
4
5

```
[27]: # VB 6
n = int(input('Vul geheel getal in'))

for i in range(1, n+1):
    som = 0
    for j in range(1, i):
        som = som + 1/j
    print('a'+ str(i) + ' = ' + str(som) + ', ', end = '')
```

Vul geheel getal in10
a1 = 0, a2 = 1.0, a3 = 1.5, a4 = 1.8333333333333333, a5 = 2.0833333333333333, a6
= 2.2833333333333333, a7 = 2.4499999999999997, a8 = 2.5928571428571425, a9 =
2.7178571428571425, a10 = 2.8289682539682537,

```
[41]: # VB 7
import os

os.getcwd()
```

[41]: 'C:\\Users\\kwemj'

```
[2]: # VB 8
file = open('Hobbies.txt')
myFile = file.read()
print(myFile)

file.close
```

Aristotle and Dante Discover the Secrets of the Universe
Star Trek The Voyage Home
Babylon 5
Nightwish
Sabaton
Hammerfall
Sense8
Game of Thrones
Roleplaying games

[2]: <function TextIOWrapper.close()>

```
[3]: # VB 9
file = open('Hobbies.txt')
myFile = file.readlines()
print(myFile)

file.close
```

```
['Aristotle and Dante Discover the Secrets of the Universe\n', 'Star Trek The Voyage Home\n', 'Babylon 5\n', 'Nightwish\n', 'Sabaton\n', 'Hammerfall\n', 'Sense8\n', 'Game of Thrones\n', 'Roleplaying games\n']
```

[3]: <function TextIOWrapper.close()>

```
[47]: # VB 10
file = open('Hobbies.txt')
myFile = file.readline()
print(myFile)
```

Aristotle and Dante Discover the Secrets of the Universe

```
[4]: # VB 11
file = open('Hobbies.txt')
print(file.readline())
print(file.readline())
print(file.readline())

file.close
```

Aristotle and Dante Discover the Secrets of the Universe

Star Trek The Voyage Home

Babylon 5

[4]: <function TextIOWrapper.close()>

```
[5]: # VB 12
file = open('Hobbies.txt')
for i in range(3):
    print(file.readline())

file.close
```

Aristotle and Dante Discover the Secrets of the Universe

Star Trek The Voyage Home

Babylon 5

[5]: <function TextIOWrapper.close()>

```
[16]: # VB 13
file = open('Hobbies.txt')
myFile = file.read(15)

print(myFile)

file.close
```

Aristotle and D

```
[16]: <function TextIOWrapper.close()>
```

```
[6]: # VB 14
file = open('Hobbies.txt')
myFile = file.readlines()

for line in myFile:
    print(line)

file.close
```

Aristotle and Dante Discover the Secrets of the Universe

Star Trek The Voyage Home

Babylon 5

Nightwish

Sabaton

Hammerfall

Sense8

Game of Thrones

Roleplaying games

```
[6]: <function TextIOWrapper.close()>
```

```
[7]: # VB 15
file = open('Hobbies.txt')
myFile = file.readlines()

for line in myFile:
```

```
print(line.strip())

file.close
```

```
Aristotle and Dante Discover the Secrets of the Universe
Star Trek The Voyage Home
Babylon 5
Nightwish
Sabaton
Hammerfall
Sense8
Game of Thrones
Roleplaying games
```

[7]: <function TextIOWrapper.close()>

```
[8]: # VB 16
file = open('Hobbies.txt')
myFile = file.readlines()

for line in myFile:
    print(line.lower())

file.close
```

```
aristotle and dante discover the secrets of the universe

star trek the voyage home

babylon 5

nightwish

sabaton

hammerfall

sense8

game of thrones

roleplaying games
```

[8]: <function TextIOWrapper.close()>

```
[9]: # VB 17
file = open('Hobbies.txt')
myFile = file.readlines()

for line in myFile:
    print(line.strip().upper())

file.close
```

ARISTOTLE AND DANTE DISCOVER THE SECRETS OF THE UNIVERSE
STAR TREK THE VOYAGE HOME
BABYLON 5
NIGHTWISH
SABATON
HAMMERFALL
SENSE8
GAME OF THRONES
ROLEPLAYING GAMES

```
[9]: <function TextIOWrapper.close()>
```

```
[10]: # VB 18
file = open('Hobbies.txt')
line = file.readline()
print(line)

for word in line:
    print(word)

file.close
```

Aristotle and Dante Discover the Secrets of the Universe

A
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D

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D
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v
e
r

t
h
e

S
e
c
r
e
t
s

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t
h
e

U
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v
e
r
s
e

[10]: <function TextIOWrapper.close()>


```
[11]: # VB 19
file = open('Hobbies.txt')
line = file.readline().split()
print(line)

for word in line:
    print(word)

file.close
```

```
['Aristotle', 'and', 'Dante', 'Discover', 'the', 'Secrets', 'of', 'the',
'Universe']
Aristotle
and
Dante
Discover
the
Secrets
of
the
Universe
```

```
[11]: <function TextIOWrapper.close()>
```

```
[12]: # VB 20
file = open('Hobbies.txt')
myFile = file.readlines()

for line in myFile:
    for word in line.split():
        print(word)

file.close
```

```
Aristotle
and
Dante
Discover
the
Secrets
of
the
Universe
Star
Trek
The
Voyage
Home
```

Babylon
5
Nightwish
Sabaton
Hammerfall
Sense8
Game
of
Thrones
Roleplaying
games

[12]: <function TextIOWrapper.close()>

[]: