```
>>> namen = ['1','2','3']
>>> len(namen)
3
```

1. v

```
>>> namen = ['jan', 'teun', 'pieter','henk', 'joris', 'david']
>>> namen[3]
'henk'
>>> namen[-3]
'henk'
>>> namen[5]
'david'
>>> namen[-1]
'david'
```

2. ``` I

```
>>> namen = ['jan', 'teun', 'pieter','henk', 'joris', 'david','david']
>>> namen.count('david')
2
>>> namen.count('daan')
0
>>> namen.index('pieter',2)
2
>>> namen.index('joris')
4
```

3.

```
>>> namen = ['jan', 'teun', 'pieter','henk', 'joris', 'david','david']
>>> namen[5] = 'daan'
>>> namen[5]
'daan'
>>> namen.reverse()
>>> namen()
  Traceback (most recent call last):
    File "<pyshell>", line 1, in <module>
  TypeError: 'list' object is not callable
>>> namen
['david', 'daan', 'joris', 'henk', 'pieter', 'teun', 'jan']
>>> namen.sort(a-z)
  Traceback (most recent call last):
    File "<pyshell>", line 1, in <module>
  NameError: name 'a' is not defined
>>> namen.sort()
>>> namen
['daan', 'david', 'henk', 'jan', 'joris', 'pieter', 'teun']
```

4. >>>

```
>>> namen
['daan', 'david', 'henk', 'jan', 'joris', 'pieter', 'teun']
>>> namen.insert(3,'peter')
>>> namen.insert(6, 'johan')
>>> namen.insert(2, 'gerard')
>>> namen
['daan', 'david', 'gerard', 'henk', 'peter', 'jan', 'joris', 'johan', 'pieter', 'teun']
>>> namen[3]
'henk'
>>> namen.remove(3)
  Traceback (most recent call last):
    File "<pyshell>", line 1, in <module>
  ValueError: list.remove(x): x not in list
>>> namen.pop(3)
'henk'
>>> namen.insert(4,'Hugeaux')
>>> namen[120]
  Traceback (most recent call last):
    File "<pyshell>", line 1, in <module>
  IndexError: list index out of range
>>> namen.pop[10]
  Traceback (most recent call last):
    File "<pyshell>", line 1, in <module>
  TypeError: 'builtin_function_or_method' object is not subscriptable
>>> namen.pop(3)
'peter'
>>> namen.pop(10)
  Traceback (most recent call last):
    File "<pyshell>", line 1, in <module>
  IndexError: pop index out of range
>>> namen.pop(5)
'joris'
```

5.
```
>>> namen[:2]
['daan', 'david']
>>> namen[3:]
['Hugeaux', 'jan', 'johan', 'pieter', 'teun']
>>> namen[4:6]
['jan', 'johan']
```

6. `...`                                                                        6

7.
```
>>> score = {'jan': 3, 'teun': 2, 'pieter': 1,'henk' : 3, 'joris': 5}
>>> del score['jan']
>>> score
{'teun': 2, 'pieter': 1, 'henk': 3, 'joris': 5}
>>>
```

## 8. 1.

```
>>> namen = ["Erik","Omar","Wim","Ayoub","Mila","Alisha","Milan"]
>>> A = namen[:6]
>>> a
 Traceback (most recent call last):
   File "<pyshell>", line 1, in <module>
 NameError: name 'a' is not defined
>>> A
['Erik', 'Omar', 'Wim', 'Ayoub', 'Mila', 'Alisha']
>>> B = namen[6:]
>>> B
['Milan']
```

## 8. 2.

```
>>> a = string[1:14]
>>> a
'ieuwjaarsfees'
```

## 8.3

```
>>> scores
{'Erik': 1999, 'Omar': 1999, 'Wim': 1999, 'Ayoub': 1999, 'Mila': 1999, 'Alisha': 1999, 'Milan': 1999}
>>> for key,value in scores.items():
        print(key,value + 1)


 Erik 2000
 Omar 2000
 Wim 2000
 Ayoub 2000
 Mila 2000
 Alisha 2000
 Milan 2000
```