

Файлы

```
In [71]: f = open('filename')

In [72]: text_modes = ['r', 'w', 'a', 'r+']
         binary_modes = ['br', 'bw', 'ba', 'br+']

In [73]: f = open('filename', 'w')

In [74]: f.write('The world is changed.\nI taste it in the water.\n')

Out[74]: 47

In [75]: f.close()

In [76]: f = open('filename', 'r+')
         f.read()

Out[76]: 'The world is changed.\nI taste it in the water.\n'

In [77]: f.tell()

Out[77]: 47

In [78]: f.read()

Out[78]: ''

In [79]: f.seek(0)
         f.tell()

Out[79]: 0

In [80]: print(f.read())
         f.close()

The world is changed.
I taste it in the water.

In [81]: f = open('filename', 'r+')
         f.readline()
         f.close()

Out[81]: 'The world is changed.\n'

In [82]: f = open('filename', 'r+')
         f.readlines()

Out[82]: ['The world is changed.\n', 'I taste it in the water.\n']

In [83]: f.close()
         f.read()

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ValueError                                Traceback (most recent call last)
<ipython-input-83-94b03372b7c6> in <module>()
      1 f.close()
----> 2 f.read()

ValueError: I/O operation on closed file.

In [ ]: with open('filename') as f:
         print(f.read())
```