

`fp.seek(offset, relative position)`
↓
`fp.tell() + 5, 0` Beginning of the file
`fp.seek(0, 2)` End of the file

Note

In text files (those opened without a `b` in the mode string), only seeks relative to the beginning of the file are allowed (the exception being seeking to the very file end with `seek(0, 2)`) and the only valid *offset* values are those returned from the `f.tell()`, or zero. Any other *offset* value produces undefined behaviour.

Start ✓ I ← (shaded circle) → I ✓ End
`fp.seek(fp.tell() - 5, 0)`
↑ relative position Start ✓

Regular expression



A regular expression is a sequence of characters that define a search pattern. Usually such patterns are used by string-searching algorithms for "find" or "find and replace" operations on strings, or for input validation. It is a technique developed in theoretical computer science and formal language theory. [Wikipedia](#)

mohit@gmail.com
↑ ↑
valid email ✓

import re

re.search('mohit', 'mohit@gmail.com') ✓
 ↑
 pattern