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8.11. `fpformat` — Floating point conversions¶

Deprecated since version 2.6: The `fpformat` module has been removed in Python 3.0.

The `fpformat` module defines functions for dealing with floating point numbers representations in 100% pure Python.

Note

This module is unnecessary: everything here can be done using the `%` string interpolation operator described in the [String Formatting Operations](#) section.

The `fpformat` module defines the following functions and an exception:

`fpformat.fix(x, digs)`¶

Format `x` as `[-]ddd.ddd` with `digs` digits after the point and at least one digit before. If `digs <= 0`, the decimal point is suppressed.

`x` can be either a number or a string that looks like one. `digs` is an integer.

Return value is a string.

`fpformat.sci(x, digs)`¶

Format `x` as `[-]d.dddE[+-]ddd` with `digs` digits after the point and exactly one digit before. If `digs <= 0`, one digit is kept and the point is suppressed.

`x` can be either a real number, or a string that looks like one. `digs` is an integer.

Return value is a string.

exception `fpformat.NotANumber`¶

Exception raised when a string passed to [fix\(\)](#) or [sci\(\)](#) as the `x` parameter does not look like a number. This is a subclass of [ValueError](#) when the standard exceptions are strings. The exception value is the improperly formatted string that caused the exception to be raised.

Example:

```
>>> import fpformat
>>> fpformat.fix(1.23, 1)
'1.2'
```

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