UNIVERSITY OF LEEDS

Main formatting options used in f-strings: image full text description

Option	Description	Example Code	Output
`<`	Left align	`f'{"test":<6}'`	`'test  '`
`>`	Right align	`f'{"test":>6}'`	`'  test'`
`^`	Centre	`f'{"test":^6}'`	`' test '`
`+`	Use sign for positive and negative numbers	`f'{+1.2:+}'`	`'+1.2'`
`-`	Only use sign for negative numbers	`f'{+1.2:-}'`	`'1.2'`
`b`	Binary integer format	`f'{1234:b}'`	`'10011010010'`
`d`	Decimal integer format	`f'{1234:d}'`	`'1234'`
`x`	Hex integer format	`f'{1234:x}'`	`'4d2`
`f`	Fixed-point notation	`f'{1234.567:.2f}'`	`'1234.57'`
`e`	Scientific notation	`f'{1234.567:.2e}'`	`'1.23e+03'`

Image description

A four-column table summarising the main formatting options that can be used in f-strings. The first column is Option, the second column is Description, the third column is Example Code and the fourth column is Output. The contents of the table are as follows:

- In row 1, Option is <. Description is Left align. Example Code is f'{"test":<6}'. Output is 'test '.
- In row 2, Option is >. Description is Right align. Example Code is f'{"test":>6}'. Output is ' test'.
- In row 3, Option is ^. Description is Centre. Example Code is f'{"test":^6}'. Output is ' test '.
- In row 4, Option is +. Description is Use sign for positive and negative numbers. Example Code is f'{+1.2:+}'. Output is '+1.2'.
- In row 5, Option is -. Description is Only use sign for negative numbers. Example Code is
- In row 6, Option is b. Description is Binary integer format. Example Code is f'{1234:b}'. Output is 10011010010.
- In row 7, Option is d. Description is Decimal integer format. Example Code is f'{1234:d}'. Output is '1234'.
- In row 8, Option is x. Description is hex integer format. Example Code is f'{1234:x}'. Output is '4d2.
- In row 9, Option is f. description is Fixed-point notation. Example Code is f'{1234.567:.2f}'. Output is '1234.57'.
- In row 10, Option is Scientific notation. Example Code is f'{1234.567:2e}'. Output is '1.23e+03'.