

SI 506: Programming I

Winter 2024

Week 03

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Whence the name Python?

a snake or ... ?



Guido van Rossum and Eric Idle

The origins of the Python name

Eric Idle @EricIdle · Jan 29, 2021

I wish I understood what this was. But it's kind of nice. Let's not forget the origin of Spam on the internet.

9 replies 35 retweets 419 likes

Guido van Rossum @gvanrossum

Replying to [@EricIdle](#) and [@KansasGrant](#)

Hi [@EricIdle](#), author of said "Python" software here. It's open source, which means it's free. It's been 31 years since I chose the name and I'm still a fan of your work! It's "very nice". Many folks working with me in the early days shared my appreciation.

7:22 PM · Jan 29, 2021 · Twitter Web App

150 Retweets 92 Quote Tweets 1,332 Likes

Monty Python

absurdist sketch comedy



And now for a bit of history

Monty Python's Flying Circus: Spam Sketch (1970)



<https://vimeo.com/329001211>

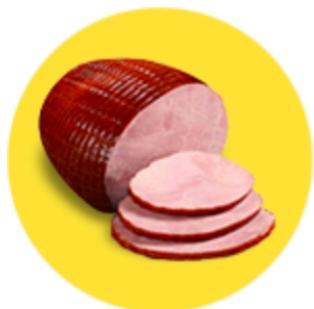
What is Spam?

I don't like Spam



Six Simple Ingredients

Ah, the age-old question; what is the meat in that special can of SPAM® Classic? Many myths abound, but the answer is actually quite simple.



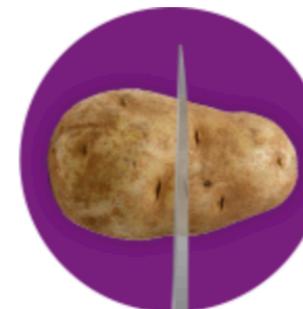
PORK WITH HAM



SALT



WATER



POTATO STARCH



SUGAR



SODIUM NITRITE

slicing



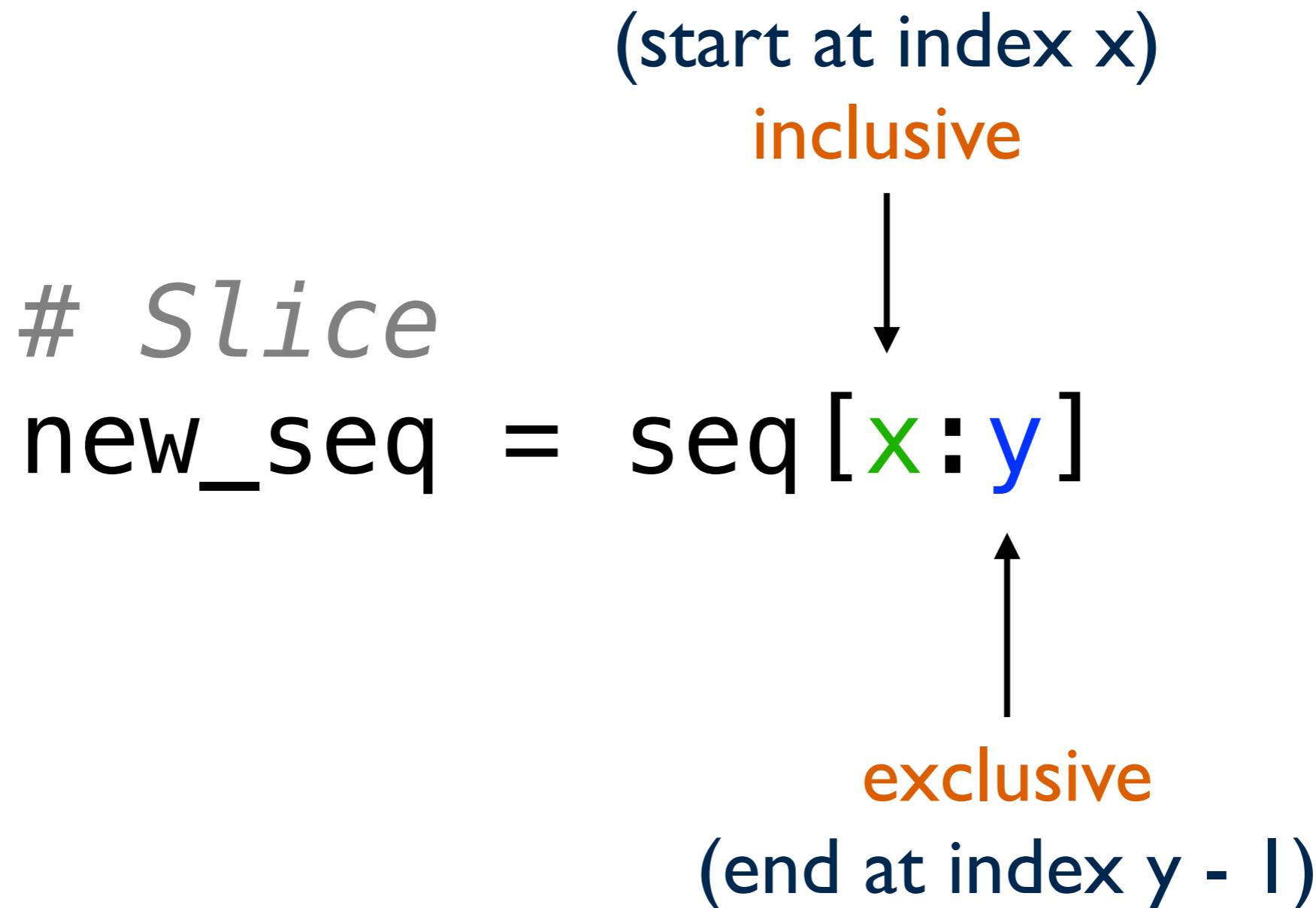
Sequence: slicing syntax

returns sequence comprising subset of parent list elements

```
# Slice  
new_seq = seq[x:y]
```

(start at index x)
inclusive

exclusive
(end at index y - 1)



Sequence: slicing syntax

returns sequence comprising subset of parent list elements

(start at index position)
inclusive

```
# Slice  
new_seq = seq[X:]
```

inclusive
(end at last index position)

Sequence: slicing syntax

returns sequence comprising subset of parent list elements

```
# Slice  
new_seq = seq[:y]
```

(start at index 0)
inclusive

exclusive
(end at index $y - 1$)



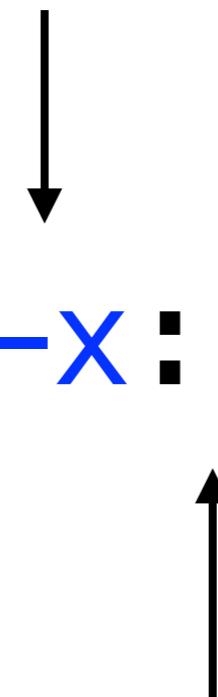
Sequence: slicing syntax

returns sequence comprising subset of parent list elements

```
# Slice  
new_seq = seq[-x:]
```

(start at index -x)
inclusive

inclusive
(end at last index position)



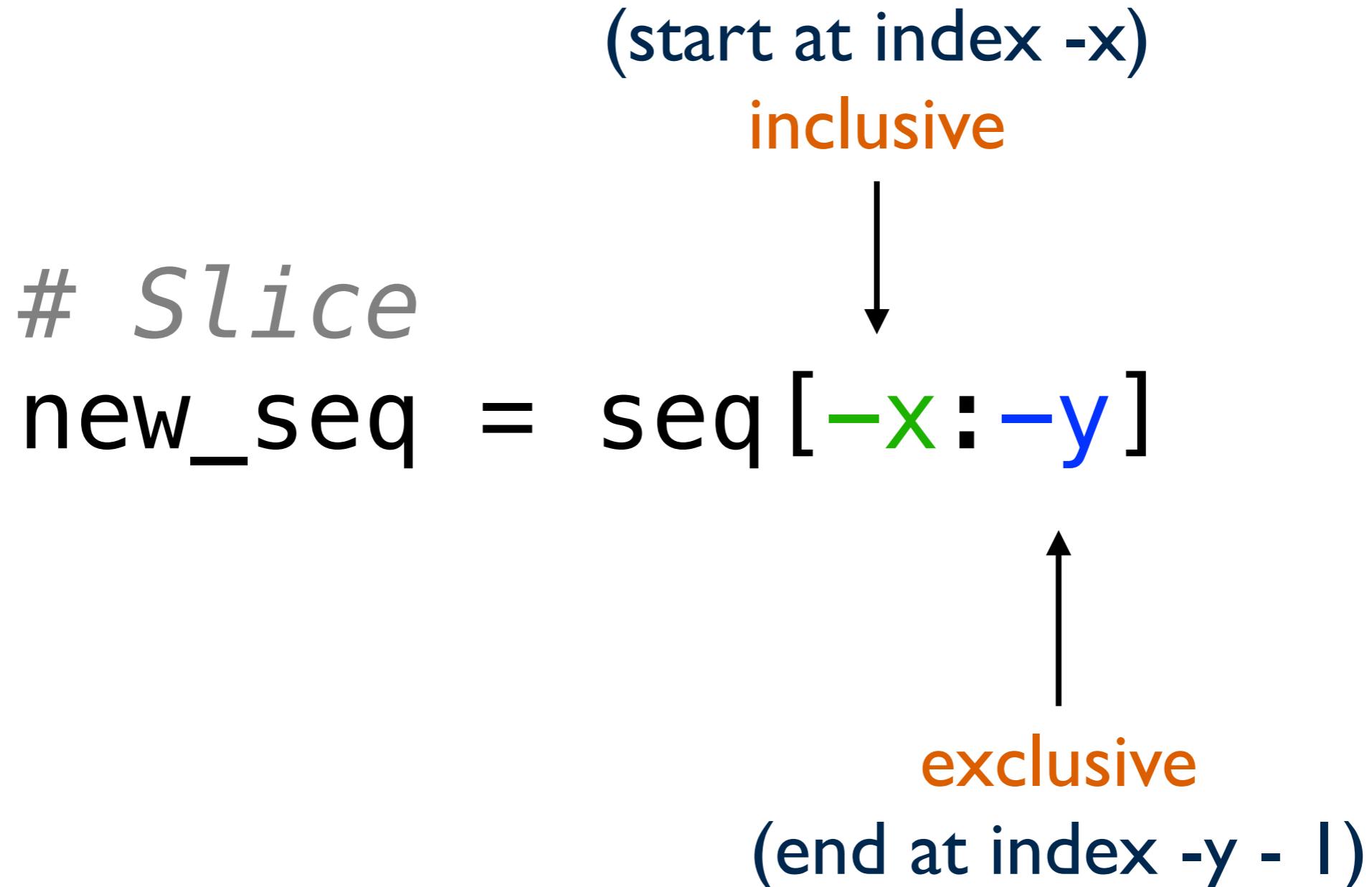
Seq: slicing syntax (negative)

returns sequence comprising subset of parent list elements

```
# Slice  
new_seq = seq[-x:-y]
```

(start at index -x)
inclusive

exclusive
(end at index -y - 1)



finis



Slide deck revisions

errata: corrections and other changes

Slide no(s).	Fix ver.	Description
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v1p1

