[@Sal Hobbi - Instructor](https://utorvirtdata-doe5678.slack.com/team/U02ABPZTCGJ) I got it:"Python sequence slice addresses can be written as a[start:end:step] and any of start, stop or end can be dropped. a[::3] is every third element of the sequence."<https://stackoverflow.com/questions/3453085/what-is-double-colon-in-python-when-subscripting-sequences> (edited)

Stack Overflow**Stack Overflow**

[**What is :: (double colon) in Python when subscripting sequences?**](https://stackoverflow.com/questions/3453085/what-is-double-colon-in-python-when-subscripting-sequences)

I know that I can use something like string[3:4] to get a substring in Python, but what does the 3 mean in somesequence[::3]?

:+1:2:raised_hands:1



[**shady ishak**](https://app.slack.com/team/U02CA52S108)  [7:41 PM](https://utorvirtdata-doe5678.slack.com/archives/C02A2J89TQA/p1634773274017800)

Thank you :)

:+1:1

**Monday, October 25th**



[**Sal Hobbi - Instructor**](https://app.slack.com/team/U02ABPZTCGJ)  [6:43 PM](https://utorvirtdata-doe5678.slack.com/archives/C02A2J89TQA/p1635201797000900)

**@channel**, this page has all the tools required for this week:  
<https://courses.bootcampspot.com/courses/769/pages/10-dot-1-1-install-your-tools?module_item_id=269238>

**Wednesday, October 27th**



[**Mohamed El-Gazzar**](https://app.slack.com/team/U02B358J0SW)  [9:18 PM](https://utorvirtdata-doe5678.slack.com/archives/C02A2J89TQA/p1635383886001600)

<https://www.youtube.com/watch?v=-bt_y4Loofg&ab_channel=Fireship> I found this useful. I hope you guys do too

[YouTube](https://www.youtube.com/)[**YouTube**](https://www.youtube.com/) | [Fireship](https://www.youtube.com/c/Fireship)

[**MongoDB in 100 Seconds**](https://www.youtube.com/watch?v=-bt_y4Loofg&amp;ab_channel=Fireship)

:raised_hands:2

**Thursday, October 28th**



[**Sal Hobbi - Instructor**](https://app.slack.com/team/U02ABPZTCGJ)  [12:16 PM](https://utorvirtdata-doe5678.slack.com/archives/C02A2J89TQA/p1635437762002300)

Flask templating language:  
<https://flask.palletsprojects.com/en/2.0.x/templating/> (edited)

**Today**



[**Sal Hobbi - Instructor**](https://app.slack.com/team/U02ABPZTCGJ)  [4:19 PM](https://utorvirtdata-doe5678.slack.com/archives/C02A2J89TQA/p1635797958003100)

**@channel** resources for this week:

3 files

**[JavaScript\_Data\_Functions.pdf](https://utorvirtdata-doe5678.slack.com/files/U02ABPZTCGJ/F02LH7Q6SGG/javascript_data_functions.pdf?origin_team=T02AF75EZ25&origin_channel=C02A2J89TQA" \t "https://utorvirtdata-doe5678.slack.com/files/U02ABPZTCGJ/F02LH7Q6SGG/javascript_data_functions.pdf)**

[58 kB PDF](https://utorvirtdata-doe5678.slack.com/files/U02ABPZTCGJ/F02LH7Q6SGG/javascript_data_functions.pdf?origin_team=T02AF75EZ25&origin_channel=C02A2J89TQA" \t "https://utorvirtdata-doe5678.slack.com/files/U02ABPZTCGJ/F02LH7Q6SGG/javascript_data_functions.pdf)

[58 kB — Click to view](https://utorvirtdata-doe5678.slack.com/files/U02ABPZTCGJ/F02LH7Q6SGG/javascript_data_functions.pdf?origin_team=T02AF75EZ25&origin_channel=C02A2J89TQA" \t "https://utorvirtdata-doe5678.slack.com/files/U02ABPZTCGJ/F02LH7Q6SGG/javascript_data_functions.pdf)

**[JavaScript\_Reference\_Guide.pdf](https://utorvirtdata-doe5678.slack.com/files/U02ABPZTCGJ/F02KLR8HWJ2/javascript_reference_guide.pdf?origin_team=T02AF75EZ25&origin_channel=C02A2J89TQA" \t "https://utorvirtdata-doe5678.slack.com/files/U02ABPZTCGJ/F02KLR8HWJ2/javascript_reference_guide.pdf)**

[149 kB PDF](https://utorvirtdata-doe5678.slack.com/files/U02ABPZTCGJ/F02KLR8HWJ2/javascript_reference_guide.pdf?origin_team=T02AF75EZ25&origin_channel=C02A2J89TQA" \t "https://utorvirtdata-doe5678.slack.com/files/U02ABPZTCGJ/F02KLR8HWJ2/javascript_reference_guide.pdf)

[149 kB — Click to view](https://utorvirtdata-doe5678.slack.com/files/U02ABPZTCGJ/F02KLR8HWJ2/javascript_reference_guide.pdf?origin_team=T02AF75EZ25&origin_channel=C02A2J89TQA" \t "https://utorvirtdata-doe5678.slack.com/files/U02ABPZTCGJ/F02KLR8HWJ2/javascript_reference_guide.pdf)

**[ES6\_Reference\_Guide.pdf](https://utorvirtdata-doe5678.slack.com/files/U02ABPZTCGJ/F02KLR9E0TG/es6_reference_guide.pdf?origin_team=T02AF75EZ25&origin_channel=C02A2J89TQA" \t "https://utorvirtdata-doe5678.slack.com/files/U02ABPZTCGJ/F02KLR9E0TG/es6_reference_guide.pdf)**

[99 kB PDF](https://utorvirtdata-doe5678.slack.com/files/U02ABPZTCGJ/F02KLR9E0TG/es6_reference_guide.pdf?origin_team=T02AF75EZ25&origin_channel=C02A2J89TQA" \t "https://utorvirtdata-doe5678.slack.com/files/U02ABPZTCGJ/F02KLR9E0TG/es6_reference_guide.pdf)

[99 kB — Click to view](https://utorvirtdata-doe5678.slack.com/files/U02ABPZTCGJ/F02KLR9E0TG/es6_reference_guide.pdf?origin_team=T02AF75EZ25&origin_channel=C02A2J89TQA" \t "https://utorvirtdata-doe5678.slack.com/files/U02ABPZTCGJ/F02KLR9E0TG/es6_reference_guide.pdf)



[**Sal Hobbi - Instructor**](https://app.slack.com/team/U02ABPZTCGJ)  [4:25 PM](https://utorvirtdata-doe5678.slack.com/archives/C02A2J89TQA/p1635798306004100)

**@channel**… and more resources …:  
<https://github.com/getify/You-Dont-Know-JS>  
<https://watchandcode.com/p/practical-javascript> (requires an account - it’s free)

GitHub**GitHub**

[**GitHub - getify/You-Dont-Know-JS: A book series on JavaScript. @YDKJS on twitter.**](https://github.com/getify/You-Dont-Know-JS)

A book series on JavaScript. @YDKJS on twitter. Contribute to getify/You-Dont-Know-JS development by creating an account on GitHub. (90 kB)

<https://github.com/getify/You-Dont-Know-JS>

**watchandcode.com**

[**Practical JavaScript**](https://watchandcode.com/p/practical-javascript) (50 kB)

<https://watchandcode.com/p/practical-javascript>



[**Sal Hobbi - Instructor**](https://app.slack.com/team/U02ABPZTCGJ)  [5:15 PM](https://utorvirtdata-doe5678.slack.com/archives/C02A2J89TQA/p1635801358005500)

**@channel**, For those who are interested, in my Visual Studio Code I use the following extension to run HTML pages:<https://marketplace.visualstudio.com/items?itemName=ritwickdey.LiveServer>

**marketplace.visualstudio.com**

[**Live Server - Visual Studio Marketplace**](https://marketplace.visualstudio.com/items?itemName=ritwickdey.LiveServer)

Extension for Visual Studio Code - Launch a development local Server with live reload feature for static & dynamic pages



[**Sal Hobbi - Instructor**](https://app.slack.com/team/U02ABPZTCGJ)  [5:56 PM](https://utorvirtdata-doe5678.slack.com/archives/C02A2J89TQA/p1635803760006200)

**@channel**, … one more …  
<https://htmlcheatsheet.com/js/>

htmlcheatsheet.com**htmlcheatsheet.com**

[**JavaScript (JS) Cheat Sheet Online**](https://htmlcheatsheet.com/js/)

JavaScript Cheat Seet contains useful code examples on a single page. Not just a PDF because it's interactive! Find code for JS loops, variables, objects and (87 kB)

<https://htmlcheatsheet.com/js/>

:raised_hands:2

[5:57](https://utorvirtdata-doe5678.slack.com/archives/C02A2J89TQA/p1635803845006900)

**@channel**… speaking of one more …  
<https://scrimba.com/learn/learnjavascript>

**Scrimba**

[**Learn JavaScript for free - 7-hour interactive tutorial**](https://scrimba.com/learn/learnjavascript)

Learn the basics of JavaScript by solving 140+ interactive coding challenges and building three fun projects. (11 kB)

[**Rebecca Pham - Assistant Instructor**](https://app.slack.com/team/U02DJ0NQE6M)  [6:56 PM](https://utorvirtdata-doe5678.slack.com/archives/C02A2J89TQA/p1635807379007300)

<https://www.hackerrank.com/>

hackerrank.com**hackerrank.com**

[**HackerRank**](https://www.hackerrank.com/)

HackerRank is the market-leading technical assessment and remote interview solution for hiring developers. Learn how to hire technical talent from anywhere! (68 kB)

<https://www.hackerrank.com/>

:raised_hands::skin-tone-5::raised_hands:2

**Today**



[**Sal Hobbi - Instructor**](https://app.slack.com/team/U02ABPZTCGJ)  [4:59 PM](https://utorvirtdata-doe5678.slack.com/archives/C02A2J89TQA/p1635973183008200)

<https://d3js.org/>

d3js.org**d3js.org**

[**D3.js - Data-Driven Documents**](https://d3js.org/)

D3 is a JavaScript library for visualizing data with HTML, SVG, and CSS. (296 kB)