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| --- | --- | --- |
| S | Explanation | Image |
| 1 | Python tip:  isprintable() Method checks if all the characters in the text are printable. | https://lh3.googleusercontent.com/HARrc7Hq4NvqgCpuTSMGAd4wYTbDemKWF3_NPBuV97KYoeeCcfuYgH7lTlbQY4TvZDx97M7L28CzIIEW5tBBV2oIQGVpx2SrhFXuP3CCMUSKLP5qNLECkxESfkVEzyJmMTZtM1lk |
| 2 | Python tip:  count() : Finds the number of times, a specified value occurs in a text. | https://lh3.googleusercontent.com/xmcx3mauA5xxz9kZF09ZRb1lPO5nfP6GGWDIixR2-oKd33kySI8LtcCWXjTuWDENQw9Xb8IThriFeAbbKlL4PNrfNcCpNjOQcEPRoULvUZYnwvO2xtKrpbvRV6rKOmf2iBg5JNtK |
| 3 | Python map(func, seq) transforms each element with the function.  filter(func, seq) returns all elements for which func evaluates to True.  reduce(func, seq) repeatedly applies the func to the elements and returns a single value. func takes 2 args. | https://lh4.googleusercontent.com/JydazP3FXQ47IqS6CJAzk9ILUv3duZEHlqfUVf5IpoOR8fw3l9M2C9ajYxR1pxEKmZcr3EHp4zj-xm1ylW1b6f_ftRYJlDC3KnwRoDsUrD076W9NIRlBMFjGUOxPpGOzC0Yoelzo |
| 4 | 10 JavaScript Array Methods:  1. filter()  The `filter()` method creates a new array with all elements that pass the test implemented by the provided function. | https://lh5.googleusercontent.com/W8qn2NwVqEJlbX88Yv4erIcplEuYjDn0hH7VJXQ3dIZTA-UO0fsyLSQOHEuZ24RxbMFF-RqtshpDvJ0YQIcrFlegn7mauwKyCg4dyq-jnFHHrybIFKzM4KiAeCX89uSyYWOcG6dI |
| 5 | 2. forEach()  The `forEach()` method executes a provided function once for each array element. | https://lh3.googleusercontent.com/sqPUAVl7yOiRKTZORZtw8dFplD1ZFmMZI45gEqKkZhOYmMxYLyznOny1V7DP885cD0btA2aZ_Pgzd-p4FaxTe-Wl9oKaZl9QpKCmU4n-1HfI1O2UT7F-20huFPRZBzLyFTTtTYKf |
| 6 | 3. some()  The `some()` method tests whether at least one element in the array passes the test implemented by the provided function. It returns a Boolean value. | https://lh4.googleusercontent.com/dY781mPpcfBFFPY7jI7HeaFavhwPW2JeGpI4K2wqImB0q44uchFen9BRlX5hRYDUN6ngxQ8LiOvFwbhtTQiA5PHVZO44gnCfAK4m34W06zGUbIp32npuzdAm6krMWUf0ntWkGzCX |
| 7 | 4. every()  The `every()` method tests whether all elements in the array pass the test implemented by the provided function. It returns a Boolean value. | https://lh5.googleusercontent.com/666ItOt6UGkQcI7RK7jLih-he9Zs4qw5wWO9SjE0FXpFum4Xl2_o9IQwfrcc5jp5jthuR1KDyUnk0nILbcEVJOSDr_eDKoE1_TGOhzqIs1zyUdXe3XLLsPf9yQQcQEzNGfbENXSO |
| 8 | 5. includes()  The `includes()` method determines whether an array includes a certain value among its entries, returning true or false as appropriate. | https://lh6.googleusercontent.com/3We1a3BUatWEmT7BuYd4xJeGTTKcJwVXZRJ3Gg2Q8QM_sfdTHFiU3WcoYWUKICIO_ZvnT8l0V_hiopMZtmycAQmRlqpBEhf7-n3vjFG6OKkCMoiR7znO-A2EjbBn_DHU5AI9H9_0 |
| 9 | 6. map()  The `map()` method creates a new array populated with the results of calling a provided function on every element in the calling array. | https://lh5.googleusercontent.com/BaJsgflGnYr9MTzcD5E_sHLwibaCNUqEoBe9fTrWebXekC_PabovtvfZU-Zwcv-j27urSuerPpqBbCUyHyf8DjV99EvCJyjfOcmTBu_XeTx3k_ahYwboT3RJtdT2aq8DDpBEJlPV |
| 10 | 7. reduce()  The `reduce()` method executes a reducer function (that you provide) on each element of the array, resulting in a single output value. | https://lh3.googleusercontent.com/ckpzwCp6j2Rj4CWBU8dkTUXtxY7Naejk0xC5RxpKSQ19nZKwNjyev8YzDy1IsiH0tsrsohi2EvZr020h2R5i-LHmfiiwpT6Jz0tluAjCHC8QOcj0VJcnc2F4tbz7vIec9N_8H1mb |
| 11 | 8. sort()  The `sort()` method sorts the elements of an array in place and returns the sorted array. The default sort order is ascending, built upon converting the elements into strings, then comparing their sequences of UTF-16 code unit values. | https://lh3.googleusercontent.com/CXAbZHkxDi5TTe-tdlLBGuOIG87YM0vOBuq35BidX8mIrMz_TUqdmQIKNdRVzC1iYBuZxSaXikNdbvYX_TqDkhEi1RUdR8rJ3b_LyX0vNCfJM6FC9WhBcxEFKqB_1cxPKP_y0Scm |
| 12 | 9. find()  The `find()` method returns the value of the first element in the provided array that satisfies the provided testing function. | https://lh3.googleusercontent.com/r7wjvp4UzZYYpbHCbMgvn41oFDCy_V7jlna4fzj3DHzPpuZS6sVot1jE9FOAEbL4dqY9xcCy08-4kqGtPJoHi0Q4owTWq6Zq6bCtvbjGERYjqfpAI4DyQegkNRjI1J5I1qhtaHvO |
| 13 | 10. findIndex()  The `findIndex()` method returns the index of the first element in the array that satisfies the provided testing function. Otherwise, it returns -1, indicating that no element passed the test. | https://lh3.googleusercontent.com/Picz9VPS6MCaJicDiNeV1DwfLCl5Jx_mrBZPrwMwo2L5HemEWge0Svh_l3ZCX68QJC84y-DB1rO101Z2-59y3_6ki8VmwqPpUGWVP6RfFim56dFl2WG39OF4h2I9mjvUPH2Bmc_e |
| 14 | Micro Python Quiz:  Guess the output of this Python code  Answer:  False.  x = 7, 8, 9 actually creates a Tuple (7, 8, 9).  sorted() takes an iterable, which a Tuple is, but always returns a sorted List.  The comparison is:  (7, 8, 9) == [7, 8, 9]  But a Tuple is no List (also mathematically speaking), and thus the comparison yields False. | https://lh3.googleusercontent.com/Unw_0OajaarkzuQYAN6eRmucu1M5_1Co2UhprRJYJdGmuNNRZAe1ejjvoA002GlfoVr2CDMOxzpkxd3QpwZFK6lWTrLPezuPvPUdAz93p-rRJebQeu3FioYKvAHWOhOMik0EhDKY |
| 15 | What will this python code print?  6  6 | https://lh5.googleusercontent.com/JbFXJxo0ymw1Y14qNL6UyR_RaJVIALoeA7EgClIbQ65FziE-PpQxJPBvPPcN4Va2Us1pGfk1yuL-2eNWdkzIKKN9ClnoSUrPty0_7rRTv75MbS2fDEbzjexOVCSGRRqwZx7iAEAJ |
| 16 | Python Tip:   Advanced print statements print can have a "sep" parameter (separator). Default is " ".  print can also have an "end" parameter. Default is "\n" (new line).  A common use case for this is if you want to avoid a new line for each print statement. | https://lh5.googleusercontent.com/R0C08yT7tQLeHmfPZHibRMDA44FU_SBSVHBmgh8tmXYNhR3Gq52IM9Izbqzv0JSQy_S1HzegoH2VylIr79hMfNh3lKSlRsCVDpILFYl3w4g1HUeIIG0AQyjpwYRhkMsmKMTVDpwV |
| 17 |  | https://lh4.googleusercontent.com/cC1a1yk5vxfSByzukqOgb83tjYH1IzmmVGXOVC-Ct_UJPTKmK0yBlQA0IZq85qM1b9-KkNqRClLSUG3TkpbY6OVz51V6UCKbGAySqmV2HQ1-mNSarH0LfzNEyNuqw1RnURO5tHXM |
| 18 | javascript basics  for...in vs for...of  - for...in return index & using index we can access values  - for...of return values  - for...in ignores undefined elements  - for...of returns undefined values | https://lh4.googleusercontent.com/qdx1VhYN2v5JLiM_Wm0cDLpL_ANW39FuqD2sqnedb4iHhrQlzdaDCEM-6AX_VBUUCbb14oeGCDIO5UQva7tHyU7IyKXUqMbkW9yW4EKbK0JYCZqc7p5FHgeWFSAudA38l-pD6gAO |
| 19 | CSS  Improve the readability of your blog post with the CSS characters unit:ch  ~70 characters per line is a good value for readability | https://lh3.googleusercontent.com/OVlhp6aebfwkd8w7zR3N3bn1edNfS4Keaiys-3kTKWtMsbRJBkBjnPLvCV7I9mLwis2-4sCF_es8JZwhhNkFftLr1EFqNgQhN7Mj3YtBwN2_fqkhoW7VAodz0r-B4Ny9Zhp9LM6o |
| 20 | HTML  You can refresh a page every X seconds using no JavaScript at all!  Using a meta tag and its properties:  \*\*\* http-equiv="Refresh"  Refresh value.  \*\*\* content="60" Number of seconds between each refresh.  Check out the example below | https://lh4.googleusercontent.com/SxXhQlEfsY4jS-cUxCZmB6qLBBIreQNXSxh1GMClAGkBaxAMWo8CBnC_DoEUXDH9hmCtNumUc4V9K_Wk9hA2GcAZFIDwRpxXw-oXSErEN1q2T5COMkE82wUVY3q4QwUwwqUZucRv |
| 21 | A simple Javascript Tip:  You can use conditional **(ternary)** operator **(?)** to perform tasks like these.  Here **'?'** means **'then'** and **':'** means **else.** | https://lh3.googleusercontent.com/_LiGyjYeiPwhXikXYpcPqfiVSgvB8jb0GQseKn6fzBoHUf-8cO4XWspAevKRo5lj0t7tLYsooY2K_I8nVwPOpZAAil3u54Ckccd9aYnprzhd15eH4OoEPQhq7vWvt20CaFlXkcDr |
| 22 | JavaScript Tip  The **spread** **(...)** operator:   can be used to add items to a list  It is probably worth highlighting why you would want to do this over "push()"  With the spread way of doing this, you leave the original array untouched. You create a new array (shallow copy) which consists of the elements in the original array and plus any new elements you want. | https://lh6.googleusercontent.com/L0zWNWznYdP_jwta63rLSODdDBMCnfaJrLMukwi5IM--7EkZEc40wWGvdoKUQ0gap7loEPIBKROmMA-HT48OmKojEOqb2QF3cLFq8h8H6uGPWmNrzn1_I0LQd-Tu37g9AfM3aEvZ |
| 23 | JavaScript tip:  A cheatsheet to learn the difference between Object.seal and Object.freeze | https://lh5.googleusercontent.com/4VVBQcPUaP6nkZGFlvxoRmXGB1j_OQhHk3IR22qQUgj5oVQzhiqRV9BOTvwjqZrZwnuXE5_tgx9Fxvc0VmN7MoAc3Xdro-KviOo6vnqxaV_q2Tk5OTeOly_8Jsinzi00KscyxKuZ |
| 24 | JS  Array'lerde Slice() methodu: | https://lh3.googleusercontent.com/_qZTyQ4_4ew63THMkHV_erJUZnhUSM9DqFjL7PwlhNP5LSXXt1kO7idDQ0x7UvEHTrBlm0jotAOQQVwibF47BIXleFErfh7228dgFfMU8aqZTMVk8Q5NMu652ZGO7JRwKwxdK_6U |
| 25 | CSS Trick  "When resetting an element's properties, it's not necessary to reset each individual property."  We can use `all` shorthand property and set its value to `unset` to reset all values to the initial state. | https://lh6.googleusercontent.com/L6DuSEzvo0D4rSDmCjdobKEAU2SpDVnJqnoKB2jEY2ph9MqgANu2vyI7LxJ_pnaNB1Nx0lRnn8SV1YSMknXPg9qexrqdIDQdQ6Yi5_l4t6VCbqXB2byKxWi3WmEpaWD-Mycsn9e8 |
| 26 | "git clone" işlemini hızlandırmak için:  `--depth` 1 ekleyebilirsiniz. Böylece local repository'nize, sadece projenin son versiyonunu almış olursunuz, diğer eski versiyonlari ve tüm history'sini almamış olursunuz. Büyük projeler için hızınızı artırır.  To speed up git clone make sure you set the `--depth` option to 1 so you don't get the entire repository history, just you get last version. This is very useful when cloning repos in your local repository, especially in big projects. | https://lh6.googleusercontent.com/TPIaTuiuZblfk6nfEO_Xk_m3QG8PFIW0B3k7p_cDCWPybeuHAjMI2FAFO81sAj3YjdX08PXmVCZkwkAAchsrUealws7oUSJ9JkEninZbSnAr1ThEpb3bNOoV36U7N5JYKwOhMYD5 |
| 27 |  | https://lh3.googleusercontent.com/giQZ8hCKpO4nXnvKUjU_o7VSXp-Z-DJIM-9MYH98YmsrfRGeOPkDiDPD1YhJg9VmaHmMskaEGhHYGiWmrwFJcsDK1HPZfRZcPeMZDEDx64meg5N38QOuQrDllRfCMRbS4yc9GC0s |
| 28 |  | Callback Hell (Pyramid of Doom)  Asenkron çalışmaların çok fazla ve iç içe olduğu durum.  Callback Hell is also known as the Pyramid of Doom. It is a pattern caused by intensively nested callbacks which are unreadable and unwieldy. It typically contains multiple nested callback functions which in turn make the code hard to read and debug.  It is caused by improper implementation of the asynchronous logic. |
| 29 | npm-check is handy for interactively updating your project's npm packages. Just run  npx npm-check -u  and select which packages you want to update from the list. | https://lh5.googleusercontent.com/qUJWWKEZKUDNF4zDiTyLzD62MMrU1jiKPLtfJlla8XAMfn6QkUl4GOBys4HNmya_6IrK2l1sWEEE-HRGQQSN1fiwvZmqgTr9b98gwu5Y6MhBjXH9Kk11Q3eSD_Ob7OJvIyOR2Nw2 |
| 30 | JS/HTML tip:  Use noscript tag to tell user if JavaScript is disabled or script is not supported in the browser. | https://lh4.googleusercontent.com/HuaxSJDigScuM4CDJWbwaLm5-i21G6c28ASJOz2Ntali_ACbNtaEEPvclsBTquMkuZ8e_SbwR8zwuOPqnu4eMDwuphMB74l2zD8xryCwHbB3pkbvCdaqQEnXzQ05BTue2UVKBXhF |