hapter 3: Dota structures 3.1 Python Strings; data structure in Python that represents a sequence of characters. It is an immutable data type (means you can't change it). Strings are used for storing, and manipulating text data, such as names, addresses and emails. Example:
"Geeks one not needs and
needs one not boing! Python does not have a character data type, a single character is simply a string with length 11 3.1.1: Greation: can be exected using single, double or even triple

Example, Strings ipynb Accessings In Python, individual characters
of a string can be
accessed by using the
method of indexing. Indexing
allows negative address references
to access characters from back of the string, eg refers to last character refers to second last we can also access them using positive indexing But the Index starts from

Examples String Accessing ipynb See string, slicing is used. Slicing a string is done by using slicing operator (colon). Example See String Slicing ipynb Reversing a strings she characters from a string and slicing we can also reverse a string. We can reverse a string by writing [1:-1] and the string will be reversed

Example. # Reversing a string "Reverse string" Print (Stangren [1:-1]) See Reverse string. ipynb Output / Passignment 3.1 See Assign 31. Py 3.1.5 Deleting and Updating from String, In Python, the updation and deletion of characters from a string is not allowed. This will eauge an error because Hem assignment or deletion from a string is not supported.

Deletion of entire string is

Possible with the use of

built-in keyword del. This is due to immutable nortune of Strings.

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nd 'pynb
'pynb

However we can use string slicing for removing a single character. Examples See in Updating and Deleting:pyth also see study concatenation in the program jipyth file. 3.1.6 Escape Sequencing 1 When we were Printing out strings with a gustes or double quotes in it it causes a syntax less or because string already contain single Double quotes. For this situation either seguences are escape used. They start with a backbash Examples See in Escape sequencing in

Paus Strings! The Escape sequence com be ignored using y or R, which implies a year string.	
saw string. See Escape Sequencing.ipy	7 6