A Calculator With GUI Using Python

- > Graphical User Interface (GUI) is a form of user interface which allows users to intercent with competers through visual indicators using items such as icons, menus, windows, etc.
- -> Trinten is a boilt-in bython module that is used to create GUI applications. It gives an object oriented interpret to the Tr GUI toolkit

Some other python Uparies available for creating.
GOUT are
ON King

- (1) Python Ot
- ____
- > Widgets
- (*) Widgets in Trinter one the elements of GUT
 application which possibles various contorols such as
 Labels, Buttons, Composares, Checkboxes, Menubors, etc..
 Thuse one to enable users to interact with the app.
 - (c) Trinter uses the win 32 gai api's (for windows) to guarden after elements.

(0)	methods	:	×	
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- -> back places widgels blackwise, also possides attain utes
 to shelp with the structuring.
- → grid Creates grid design to telp in designing the gui. (similar to CS) good).
- -> place places widgets to a specified position.

Staucture of a Thinten propriam

Importing Trinter modules

Creating a main window for Cruz

Adding widgets to the app

Enter the Main event loop

- Edod trees main overt bob?
 - → Root. mainloop() is a method in the main window

 That executes what we wish to execute in an
 application (the Gui application starts here). As the

 name implies it would loop forever untill the user
 exits the windows.

(3)
1 P 4
(o) lobel - a widget the the user is not supposed to sinteract with and labels should always be packed.
(.) geometry - is a function that defines width and leight. Les mininge () Les manufage ()
1). title - is a method used to give title to the application we are working with.
* Important label Options: tout - adds tend to clishley bd - bachground
fg - foreground font - und to ret font
pady - a tadding (2-axis) pady - g tadding (y-axis) quelier - borden styling (Sunken, Rasco, Grave, RIDGE)
* Attenibutes of Pack: The Pach geometry manager backs widgets in nows or columns. We can use options like fill, expand and side to control this geometry manager. (1) fill: Determines weather widget fills any extra space allocations.
to it is. booked an hear all all all all all all all all all a
beneat (TOP ROTTOM LEFT, RIGHT)
(3) anchor: Anchors are used to define where text is positioned relative to a reference point.
Cnisier wicenter, now, sw, be and se)



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create Button Junetion							
· Rest of the buttons are herd coded							
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- close Avs Vol - close and we me trong							
-) evaluate Squar Knot - evaluates sq 91001 boshy Main mount							
-> evaluate Auswer - evaluates answer.							
-> cullar - works on (AC) botton.							