Thinky

- I Transer is a Python Standard GUI Library.
- Tkinter, conduction with Tkinter, Coentry graphical user interface is quide and simple.
- => It gives TK QUI toolkit a sophisticated object-oriented interface.

Tkinder Programming =)

It's simple to make a GUI application with tkinter. Steps that have to be Fallowed oxen

- 1 Importing the Fiaker Tkinter module.
- Deseting a main window.
- 3 Adding multiple widgets in a main window.
- . noitsp main event loop to Perform action.
- 6) when establishing a Python application with GUI, these are two Primary approches.
 - TK() it is used to make a main window main. Joop () It is an infinite Joop that many the application, wait for an exent and Process it as soon as the window is open.

EXE

A tropmi retrist most A most (1) (1) = wolniw_nion (1) goolpion.wolniw_nion

- O Trinter offer many control in a GUI application, Such as butters, labels and text boxes.
- @ widgets are the general name For these controly.

These are some widgets of

- O Label . & Cantal
- 1 Bullen
- 6 Freme.
- 3 Entry
- 1 Checkbutten
- 3 Geometry Configuration of widgets

There are Primirarily three types of geometry manager classer-

- O Pack () It is used to conganize Place a widget on dop.
- 2) gold () It is used to organise the widget in table like structure
- 3 Pplace U- It is used to organise the widget at specific Position.

Let's Learn all the widgets in some deteil-

1) Label - display box in which image or text is added.

Syntax II = Label (moister, opt = Lal)

| DP House | | | | | |
|----------|------|------|----|------------|------------|
| a l | test | COLN | be | Pass-ed og | arguments- |
| Oba | | 60 | | | |

Opa 1 Command O width

1 mage

3 Font

6 height

2) Butten - It is used to show butten in application.

Syndax-

bI = Butten (master, opt = val)

Optiony that can passed on opt = "_"

(D) pol

image

1 Command

Htbiw

3 font

6 height

(3) Check Butten- It is used to show a selection of choices as checkbores

E KPtnKS

Val = Checkbutten (moster, opt=val)

i = tgo tramugas us 2229 nos au moltgo

(1) Title

(2) bg

(3) active background.

9 Frame - It serves as a conteiner and used to · stappin art singers.

Syndax=

Val = Frame (master, opt = rel)

| attions me can use obt= "11 |
|---|
| D pa (a) her in by |
| 2 bd 3 height |
| 3 Gursor |
| Ø11011 |
| tail o Ation soar o site of boson si traited by |
| of option. Inother with a wist |
| Syntax -1 |
| (us = topo, roterm) xodteil = 18 |
| came can use at opt="_" |
| Obg (9) image |
| 1 bd 5 width |
| 3 Font 6 height |
| |
| 6) other types of widget 7 |
| OmenuButten (9) SpinBox |
| 1 Meny (Paned Window. |
| (3) 11E3998 |
| (9) RadioButten |
| & Scale |
| 6 Schallbar |
| O text |
| & Toplew |
| |
| |