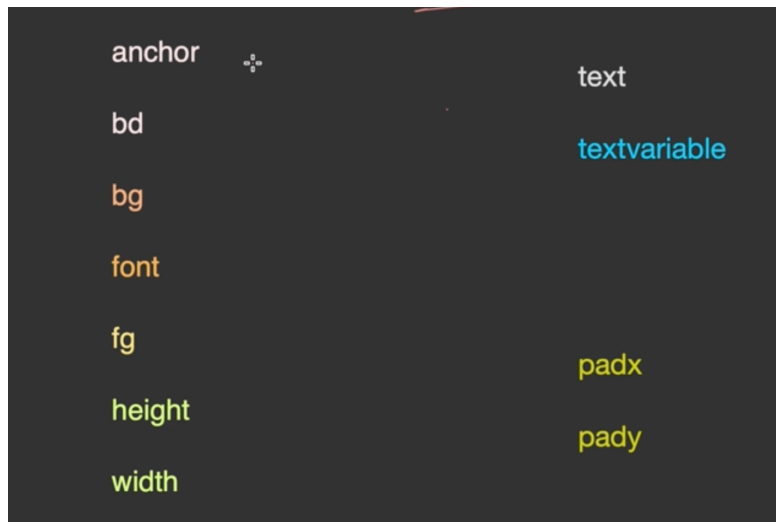


Widget Options

- Some common widget properties are



- Here some options are applicable to some widgets only however most of them works on all widget here
- For ex : text option works on label, button, check button, radio button
- Like wise the bg options work on mist of the widgets

```
from tkinter import *

win = Tk()
win.title('My First Application')
win.geometry('600x400+100+100')

l = Label(win, text='Hello World', bg='red')
l.pack()

win.mainloop()
```

- fg stands for foreground colour (text colour)
- We can declare the options as mentioned above in the example also there is another way to declare the options to the widget that is giving them in the dictionary pattern as shown below

```
from tkinter import *  
from tkmacosx import *  
  
win = Tk()
```

- The 3rd way of setting the property is by using a method called config

```
l.configure(font='Ariel, 20')
```

- The options which mostly work on all the widgets are **text**, **bg**, **font**, **fg**

- The options which work on specific widgets and are important are as **anchor, bd, height, width, textvariable, padx, pady**
- **For ex :** height and width works perfectly for label and button but it doesn't work on check and radio button

```
l = Label(win, text='Hello World', width=100, height=100)
```

- Anchor will allow you to anchor the text on any 1 position of the control or widget

```
l = Checkbutton(win, text='Hello World', width=100, height=100)
l['anchor'] = 'sw'
l['bg'] = 'red'
l['fg'] = 'yellow'
```

- Bd is the border depth of the widget
- padx and pady are the padding given to the widget
- The text or data that is available on the window is taken inside the variable option

```
from tkinter import *
from tkmacosx import *

win = Tk()
win.title('My First Application')
win.geometry('600x400+100+100')

l = Checkbutton(win, text='Hello World', width=100, variable='var')

l['justify'] = 'right'
l['bd'] = 3
l['bg'] = 'red'
l['fg'] = 'yellow'

l.config(font='Ariel, 10', height=100)

l.pack(pady=100)

win.mainloop()
```