

## Scale Widget

- The scale widget is also called as slider



- A scale is just like a scrollbar but here it will have a **thumb tracker**, we can move this tracker up and down to a particular value as shown above
- This widget is useful for taking a value in a particular range
- The options for a scale widget are as follows

### Scale Options

from\_

to

resolution

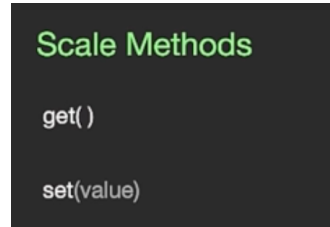
showvalue

sliderlength

tickinterval

- We can mention the range of values for the tracker using the **from** and **to**
- When we are moving the tracker then how much value is to be changes must be mentioned in the resolution option that is by 1, 10, 100 or in float values
- Show value will display the value beside the slider and how you want the value to be displayed is done using the tickinterval option

- We can also mention the slider size by using the slider length option
- The methods of scale widget are



- If we want to know the current value in the scale we can use the get()
- If we want to change the value we can use the set(value) method
- An example for this widget is as follows

```
from tkinter import *
from tkinter.font import *

def myhandler(e):
    f = Font(size=str(scl1.get()))
    ent1['font'] = f

win = Tk()
win.geometry('600x400')

var1 = StringVar(value='Hello World')
ent1 = Entry(win, textvariable=var1)
ent1.pack()

scl1 = Scale(win, from_=10, to=50, resolution=1, tickinterval=10, showvalue=False, command=myhandler)
scl1.pack()

win.mainloop()
```