



Creating A Calculator Using Tkinter | Python Tkinter GUI Tutorial In Hindi #27



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Code as described/written in the video

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```
from tkinter import *

def click(event):
    global scvalue
    text = event.widget.cget("text")
    if text == "=":
        if scvalue.get().isdigit():
            value = int(scvalue.get())
        else:
            try:
                value = eval(screen.get())

            except Exception as e:
```

```
        print(e)
        value = "Error"

    scvalue.set(value)
    screen.update()

elif text == "C":
    scvalue.set("")
    screen.update()

else:
    scvalue.set(scvalue.get() + text)
    screen.update()

root = Tk()
root.geometry("644x970")
root.title("Calculator By CodeWithHarry")
root.wm_iconbitmap("1.ico")

scvalue = StringVar()
scvalue.set("")
screen = Entry(root, textvar=scvalue, font="lucida 40 bold")
screen.pack(fill=X, ipadx=8, pady=10, padx=10)

f = Frame(root, bg="grey")
b = Button(f, text="9", padx=28, pady=18, font="lucida 35 bold")
b.pack(side=LEFT, padx=18, pady=5)
b.bind("", click)

b = Button(f, text="8", padx=28, pady=18, font="lucida 35 bold")
b.pack(side=LEFT, padx=18, pady=5)
b.bind("", click)
```

```
b = Button(f, text="7", padx=28, pady=18, font="lucida 35 bold")
b.pack(side=LEFT, padx=18, pady=5)
b.bind("", click)
```

```
f.pack()
```

```
f = Frame(root, bg="grey")
b = Button(f, text="6", padx=28, pady=18, font="lucida 35 bold")
b.pack(side=LEFT, padx=18, pady=5)
b.bind("", click)
```

```
b = Button(f, text="5", padx=28, pady=18, font="lucida 35 bold")
b.pack(side=LEFT, padx=18, pady=5)
b.bind("", click)
```

```
b = Button(f, text="4", padx=28, pady=18, font="lucida 35 bold")
b.pack(side=LEFT, padx=18, pady=5)
b.bind("", click)
```

```
f.pack()
```

```
f = Frame(root, bg="grey")
b = Button(f, text="3", padx=28, pady=18, font="lucida 35 bold")
b.pack(side=LEFT, padx=18, pady=5)
b.bind("", click)
```

```
b = Button(f, text="2", padx=28, pady=18, font="lucida 35 bold")
b.pack(side=LEFT, padx=18, pady=5)
b.bind("", click)
```

```
b = Button(f, text="1", padx=28, pady=18, font="lucida 35 bold")
b.pack(side=LEFT, padx=18, pady=5)
b.bind("", click)
```

```
f.pack()
```

```
f = Frame(root, bg="grey")
b = Button(f, text="0", padx=31, pady=18, font="lucida 35 bold")
b.pack(side=LEFT, padx=18, pady=5)
b.bind("", click)
```

```
b = Button(f, text="-", padx=31, pady=18, font="lucida 35 bold")
b.pack(side=LEFT, padx=18, pady=5)
b.bind("", click)
```

```
b = Button(f, text="*", padx=31, pady=18, font="lucida 35 bold")
b.pack(side=LEFT, padx=18, pady=5)
b.bind("", click)
```

```
f.pack()
```

```
f = Frame(root, bg="grey")
b = Button(f, text="/", padx=33, pady=18, font="lucida 35 bold")
b.pack(side=LEFT, padx=18, pady=5)
b.bind("", click)
```

```
b = Button(f, text="%", padx=21, pady=18, font="lucida 35 bold")
b.pack(side=LEFT, padx=18, pady=5)
b.bind("", click)
```

```
b = Button(f, text="=", padx=27, pady=18, font="lucida 35 bold")
```

```
b.pack(side=LEFT, padx=18, pady=5)
b.bind("", click)

f.pack()

f = Frame(root, bg="grey")
b = Button(f, text="C", padx=26, pady=18, font="lucida 35 bold")
b.pack(side=LEFT, padx=18, pady=5)
b.bind("", click)

b = Button(f, text=".", padx=26, pady=18, font="lucida 35 bold")
b.pack(side=LEFT, padx=18, pady=5)
b.bind("", click)

b = Button(f, text="00", padx=26, pady=18, font="lucida 35 bold")
b.pack(side=LEFT, padx=18, pady=5)
b.bind("", click)

f.pack()

root.mainloop()
```

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