

```

#-----import-----
-----
from tkinter import *
from PIL import Image, ImageTk
from tkinter import ttk
from pyModbusTCP.client import ModbusClient
from pyModbusTCP.client import ModbusClient
from pyModbusTCP.utils import encode_ieee, decode_ieee, \
                                long_list_to_word, word_list_to_long
#-----float
class-----
class FloatModbusClient(ModbusClient):
    """A ModbusClient class with float support."""

    def read_float(self, address, number=1):
        """Read float(s) with read holding registers."""
        reg_l = self.read_holding_registers(address, number * 2)
        if reg_l:
            return [decode_ieee(f) for f in word_list_to_long(reg_l)]
        else:
            return None

    def read_floatrev(self, address, number=1):
        """Read float(s) with read holding registers."""
        reg_l = self.read_holding_registers(address, number * 2)
        if reg_l:
            reg_l.reverse()
            return [decode_ieee(f) for f in word_list_to_long(reg_l)]
        else:
            return None

    def write_float(self, address, floats_list):
        """Write float(s) with write multiple registers."""
        b32_l = [encode_ieee(f) for f in floats_list]
        b16_l = long_list_to_word(b32_l)
        return self.write_multiple_registers(address, b16_l)

    def write_floatrev(self, address, floats_list):
        """Write float(s) with write multiple registers."""
        b32_l = [encode_ieee(f) for f in floats_list]
        b16_l = long_list_to_word(b32_l)
        b16_l.reverse()
        return self.write_multiple_registers(address, b16_l)
#-----initial
code-----
root=Tk()
root.geometry("800x480")
root.title("Sukrit Machine Tools")
root.wm_iconbitmap('D:\Software Development\hello\sukrit_Logo.ico')
root.configure(background="orange")

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```
c = ModbusClient(host='192.168.1.77', port=502, auto_open=True, debug=False)
k = FloatModbusClient(host='192.168.1.77', port=502, auto_open=True)
```

```
#-----writing operations
```

```
-----
global xvalue
```

```
def xadd():
    global x1value
    x1value=x1value+0.0100
    x1value = round(x1value, 3)
    #c.write_single_register(4676, xvalue)
    k.write_floatrev(4676, [x1value])
    xxvalue.set(x1value)
    #xyz.set(xxvalue.get())
```

```
def radd():
    global r1value
    r1value=r1value+0.0100
    r1value = round(r1value, 3)
    #c.write_single_register(4676, xvalue)
    k.write_floatrev(4688, [r1value])
    rrvalue.set(r1value)
    #xyz.set(xxvalue.get())
```

```
def yadd():
    global y1value
    y1value=y1value+0.0100
    y1value = round(y1value, 3)
    #c.write_single_register(4676, xvalue)
    k.write_floatrev(4684, [y1value])
    yyvalue.set(y1value)
    #xyz.set(xxvalue.get())
```

```
def xsub():
    global x1value
    x1value=x1value-0.0100
    x1value = round(x1value, 3)
    #c.write_single_register(4676, xvalue)
    k.write_floatrev(4676, [x1value])
    xxvalue.set(x1value)
    #xyz.set(xxvalue.get())
```

```
def rsub():
    global r1value
    r1value=r1value-0.0100
    r1value = round(r1value, 3)
    #c.write_single_register(4676, xvalue)
    k.write_floatrev(4688, [r1value])
```

```

rrvalue.set(r1value)
#xyz.set(xxvalue.get())

def ysub():
    global y1value
    y1value=y1value-0.0100
    y1value = round(y1value, 3)
    #c.write_single_register(4676, xvalue)
    k.write_floatrev(4684, [y1value])
    yyvalue.set(y1value)
    #xyz.set(xxvalue.get())

#-----page
1-----
def f1():
    global frame3
    global redimg
    global frame3
    global frame3
    frame3.destroy()
    frame3 = Frame(root, highlightbackground="blue", highlightthickness=2,
bg="orange")

    # x
    xxvalue = StringVar()
    global xvalue
    global x1value
    # xlist=c.read_holding_registers(4676, 1)
    x1list = k.read_floatrev(4676, 1)
    # xvalue=xlist[0]
    x1value = round(x1list[0], 3)
    xxvalue.set(str(x1value))
    redimg = ImageTk.PhotoImage(Image.open('D:\Software
Development\hello\redd.png'))
    redlabel = Label(frame3, image=redimg, bg="orange")
    redlabel.image=redimg
    redlabel.grid(row=0, column=0, padx=10)
    Label(frame3, text="X", font="Algerian 42 bold", padx=15, pady=15, bg="orange",
fg="red").grid(row=0, column=1,

                padx=10)
    larimg = ImageTk.PhotoImage(
        Image.open('D:\Software Development\hello\arrow1.png').resize((150, 70),
Image.Resampling.LANCZOS))
    # larlabel=Label(frame3,image=larimg,bg="orange").grid(row=0,column=2,padx=10)
    larbutton = Button(frame3, image=larimg, bg="orange", borderwidth=0,
command=xsub)
    larbutton.image=larimg
    larbutton.grid(row=0, column=2, padx=10)
    # xvalue= IntVar()
    xlabel = Label(frame3, textvariable=xxvalue, font="Arial_Black 17 bold",

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bg="orange", borderwidth=1,
                relief="solid").grid(row=0, column=3, ipadx=5, padx=10)
    rarimg = ImageTk.PhotoImage(
        Image.open('D:\Software Development\hello\arrow.png').resize((150, 70),
Image.Resampling.LANCZOS))
    # rarlabel=Label(frame3,image=rarimg,bg="orange").grid(row=0,column=4,padx=10)
    rarbutton = Button(frame3, image=rarimg, bg="orange", borderwidth=0,
command=xadd)
    rarbutton.image=rarimg
    rarbutton.grid(row=0, column=4, padx=10)

    # R
    rrvalue = StringVar()
    global rvalue
    global r1value
    # xlist=c.read_holding_registers(4676, 1)
    r1list = k.read_floatrev(4688, 1)
    # xvalue=xlist[0]
    r1value = round(r1list[0], 3)
    rrvalue.set(str(r1value))
    blueimg = ImageTk.PhotoImage(Image.open('D:\Software
Development\hello\bluee.png'))
    loglabel = Label(frame3, image=blueimg, bg="orange")
    loglabel.image=blueimg
    loglabel.grid(row=1, column=0, padx=10)
    Label(frame3, text="R", font="Algerian 42 bold", padx=15, pady=15, bg="orange",
fg="red").grid(row=1, column=1,

                padx=10)
    # lar1label=Label(frame3,image=larimg,bg="orange").grid(row=1,column=2,padx=10)
    lar1button = Button(frame3, image=larimg, bg="orange", borderwidth=0,
command=rsub)
    lar1button.image=larimg
    lar1button.grid(row=1, column=2, padx=10)
    rlabel = Label(frame3, textvariable=rrvalue, font="Arial_Black 17 bold",
bg="orange", borderwidth=1,
                relief="solid").grid(row=1, column=3, ipadx=5, padx=10)
    # rar1label=Label(frame3,image=rarimg,bg="orange").grid(row=1,column=4,padx=10)
    rar1button = Button(frame3, image=rarimg, bg="orange", borderwidth=0,
command=radd)
    rar1button.image=rarimg
    rar1button.grid(row=1, column=4, padx=10)

    # Y
    yyvalue = StringVar()
    global yvalue
    global y1value
    # xlist=c.read_holding_registers(4676, 1)
    y1list = k.read_floatrev(4684, 1)
    # xvalue=xlist[0]

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y1value = round(y1list[0], 3)
yyvalue.set(str(y1value))
greenimg = ImageTk.PhotoImage(Image.open('D:\Software
Development\hello\greenn.png'))
loglabel = Label(frame3, image=greenimg, bg="orange")
loglabel.image=greenimg
loglabel.grid(row=2, column=0, padx=10)
Label(frame3, text="Y", font="Algerian 42 bold", padx=15, pady=15, bg="orange",
fg="red").grid(row=2, column=1,

                padx=10)
# lar2label=Label(frame3,image=larimg,bg="orange").grid(row=2,column=2,padx=10)
lar2button = Button(frame3, image=larimg, bg="orange", borderwidth=0,
command=ysub)
lar2button.image=larimg
lar2button.grid(row=2, column=2, padx=10)
ylabel = Label(frame3, textvariable=yyvalue, font="Arial_Black 17 bold",
bg="orange", borderwidth=1,
                relief="solid").grid(row=2, column=3, ipadx=5, padx=10)
rar2label = Label(frame3, image=rarimg, bg="orange").grid(row=2, column=4,
padx=10)
rar2button = Button(frame3, image=rarimg, bg="orange", borderwidth=0,
command=yadd)
rar2button.image=rarimg
rar2button.grid(row=2, column=4, padx=10)
frame3.grid(ipadx=56.3)
#-----page
2-----
def f2():
    global frame3
    frame3.destroy()
    frame3 = Frame(root, highlightbackground="blue", highlightthickness=2,
bg="orange")
    pnlabel = Label(frame3, text="Punch Name", font="Stencil 25 bold", padx=15,
pady=15, bg="orange",
                    fg="green").grid(row=0, column=0)
    pnvalue = StringVar()
    pnentry = Entry(frame3, textvariable=pnvalue, font="Arial_Black 25
bold").grid(row=0, column=1)
    phlabel = Label(frame3, text="Punch Height", font="Stencil 25 bold", padx=15,
pady=15, bg="orange",
                    fg="green").grid(row=1, column=0)
    phvalue = StringVar()
    phentry = Entry(frame3, textvariable=phvalue, font="Arial_Black 25
bold").grid(row=1, column=1)
    palable = Label(frame3, text="Punch Angle", font="Stencil 25 bold", padx=15,
pady=15, bg="orange",
                    fg="green").grid(row=2, column=0)
    pavalue = StringVar()
    paentry = Entry(frame3, textvariable=pavalue, font="Arial_Black 25

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bold").grid(row=2, column=1)
    prlable = Label(frame3, text="Punch Radius", font="Stencil 25 bold", padx=15,
pady=15, bg="orange",
                    fg="green").grid(row=3, column=0)
    prvalue = StringVar()
    prentry = Entry(frame3, textvariable=prvalue, font="Arial_Black 25
bold").grid(row=3, column=1)
    frame3.grid(ipadx=73.5)
#-----page
3-----
def f3():
    global frame3
    frame3.destroy()
    frame3 = Frame(root, highlightbackground="blue", highlightthickness=2,
bg="#b3ffe0")
        Label(frame3, text="No.", font="Stencil 15 bold", padx=5, pady=10,
bg="#ccffff", fg="#e68a00").grid(row=0,

                                column=0)
        Label(frame3, text="Name", font="Stencil 15 bold", padx=5, pady=10,
bg="#ccffff", fg="#e68a00").grid(row=0,

                                column=1)
        Label(frame3, text="Height", font="Stencil 15 bold", padx=5, pady=10,
bg="#ccffff", fg="#e68a00").grid(row=0,

                                column=2)
        Label(frame3, text="Angel", font="Stencil 15 bold", padx=5, pady=10,
bg="#ccffff", fg="#e68a00").grid(row=0,

                                column=3)
        Label(frame3, text="Radius", font="Stencil 15 bold", padx=5, pady=10,
bg="#ccffff", fg="#e68a00").grid(row=0,

                                column=4)
        Label(frame3, text="No.", font="Stencil 15 bold", padx=5, pady=10,
bg="#ccffff", fg="#e68a00").grid(row=0,

                                column=5)
        Label(frame3, text="Name", font="Stencil 15 bold", padx=5, pady=10,
bg="#ccffff", fg="#e68a00").grid(row=0,

                                column=6)
        Label(frame3, text="Height", font="Stencil 15 bold", padx=5, pady=10,
bg="#ccffff", fg="#e68a00").grid(row=0,

                                column=7)
        Label(frame3, text="Angel", font="Stencil 15 bold", padx=5, pady=10,
bg="#ccffff", fg="#e68a00").grid(row=0,

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        column=8)
    Label(frame3, text="Radius", font="Stencil 15 bold", padx=5, pady=10,
bg="#ccffff", fg="#e68a00").grid(row=0,

        column=9)

    # Label(frame2,text="",bg="blue",height=10).grid(row=1)

    # 1,6
    Label(frame3, text="1", font="Stencil 12 bold", padx=5, pady=10, bg="#b3ffe0",
fg="#e68a00").grid(row=1,

        column=0)
    n1 = StringVar()
    h1 = StringVar()
    a1 = StringVar()
    r1 = StringVar()
    Entry(frame3, textvariable=n1, font="Calibri 11", width=11).grid(row=1,
column=1)
    Entry(frame3, textvariable=h1, font="Calibri 11", width=9).grid(row=1,
column=2)
    Entry(frame3, textvariable=a1, font="Calibri 11", width=9).grid(row=1,
column=3)
    Entry(frame3, textvariable=r1, font="Calibri 11", width=9).grid(row=1,
column=4)
    Label(frame3, text="6", font="Stencil 12 bold", padx=5, pady=10, bg="#b3ffe0",
fg="#e68a00").grid(row=1,

        column=5)
    n1 = StringVar()
    h1 = StringVar()
    a1 = StringVar()
    r1 = StringVar()
    Entry(frame3, textvariable=n1, font="Calibri 11", width=11).grid(row=1,
column=6)
    Entry(frame3, textvariable=h1, font="Calibri 11", width=9).grid(row=1,
column=7)
    Entry(frame3, textvariable=a1, font="Calibri 11", width=9).grid(row=1,
column=8)
    Entry(frame3, textvariable=r1, font="Calibri 11", width=9).grid(row=1,
column=9)
    # 2,7
    Label(frame3, text="2", font="Stencil 12 bold", padx=5, pady=10, bg="#b3ffe0",
fg="#e68a00").grid(row=2,

        column=0)
    n2 = StringVar()
    h2 = StringVar()
    a2 = StringVar()
    r2 = StringVar()

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    Entry(frame3, textvariable=n2, font="Calibri 11", width=11).grid(row=2,
column=1)
    Entry(frame3, textvariable=h2, font="Calibri 11", width=9).grid(row=2,
column=2)
    Entry(frame3, textvariable=a2, font="Calibri 11", width=9).grid(row=2,
column=3)
    Entry(frame3, textvariable=r2, font="Calibri 11", width=9).grid(row=2,
column=4)
    Label(frame3, text="7", font="Stencil 12 bold", padx=5, pady=10, bg="#b3ffe0",
fg="#e68a00").grid(row=2,

                column=5)
    n7 = StringVar()
    h7 = StringVar()
    a7 = StringVar()
    r7 = StringVar()
    Entry(frame3, textvariable=n7, font="Calibri 11", width=11).grid(row=2,
column=6)
    Entry(frame3, textvariable=h7, font="Calibri 11", width=9).grid(row=2,
column=7)
    Entry(frame3, textvariable=a7, font="Calibri 11", width=9).grid(row=2,
column=8)
    Entry(frame3, textvariable=r7, font="Calibri 11", width=9).grid(row=2,
column=9)
    # 3,8
    Label(frame3, text="3", font="Stencil 12 bold", padx=5, pady=10, bg="#b3ffe0",
fg="#e68a00").grid(row=3,

                column=0)
    n3 = StringVar()
    h3 = StringVar()
    a3 = StringVar()
    r3 = StringVar()
    Entry(frame3, textvariable=n3, font="Calibri 11", width=11).grid(row=3,
column=1)
    Entry(frame3, textvariable=h3, font="Calibri 11", width=9).grid(row=3,
column=2)
    Entry(frame3, textvariable=a3, font="Calibri 11", width=9).grid(row=3,
column=3)
    Entry(frame3, textvariable=r3, font="Calibri 11", width=9).grid(row=3,
column=4)
    Label(frame3, text="8", font="Stencil 12 bold", padx=5, pady=10, bg="#b3ffe0",
fg="#e68a00").grid(row=3,

                column=5)
    n8 = StringVar()
    h8 = StringVar()
    a8 = StringVar()
    r8 = StringVar()
    Entry(frame3, textvariable=n8, font="Calibri 11", width=11).grid(row=3,

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column=6)
    Entry(frame3, textvariable=h8, font="Calibri 11", width=9).grid(row=3,
column=7)
    Entry(frame3, textvariable=a8, font="Calibri 11", width=9).grid(row=3,
column=8)
    Entry(frame3, textvariable=r8, font="Calibri 11", width=9).grid(row=3,
column=9)
    # 4,9
    Label(frame3, text="4", font="Stencil 12 bold", padx=5, pady=10, bg="#b3ffe0",
fg="#e68a00").grid(row=4,

                column=0)
    n4 = StringVar()
    h4 = StringVar()
    a4 = StringVar()
    r4 = StringVar()
    Entry(frame3, textvariable=n4, font="Calibri 11", width=11).grid(row=4,
column=1)
    Entry(frame3, textvariable=h4, font="Calibri 11", width=9).grid(row=4,
column=2)
    Entry(frame3, textvariable=a4, font="Calibri 11", width=9).grid(row=4,
column=3)
    Entry(frame3, textvariable=r4, font="Calibri 11", width=9).grid(row=4,
column=4)
    Label(frame3, text="9", font="Stencil 12 bold", padx=5, pady=10, bg="#b3ffe0",
fg="#e68a00").grid(row=4,

                column=5)
    n9 = StringVar()
    h9 = StringVar()
    a9 = StringVar()
    r9 = StringVar()
    Entry(frame3, textvariable=n9, font="Calibri 11", width=11).grid(row=4,
column=6)
    Entry(frame3, textvariable=h9, font="Calibri 11", width=9).grid(row=4,
column=7)
    Entry(frame3, textvariable=a9, font="Calibri 11", width=9).grid(row=4,
column=8)
    Entry(frame3, textvariable=r9, font="Calibri 11", width=9).grid(row=4,
column=9)
    # 5,10
    Label(frame3, text="5", font="Stencil 12 bold", padx=5, pady=10, bg="#b3ffe0",
fg="#e68a00").grid(row=5,

                column=0)
    n5 = StringVar()
    h5 = StringVar()
    a5 = StringVar()
    r5 = StringVar()
    Entry(frame3, textvariable=n5, font="Calibri 11", width=11).grid(row=5,

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column=1)
    Entry(frame3, textvariable=h5, font="Calibri 11", width=9).grid(row=5,
column=2)
    Entry(frame3, textvariable=a5, font="Calibri 11", width=9).grid(row=5,
column=3)
    Entry(frame3, textvariable=r5, font="Calibri 11", width=9).grid(row=5,
column=4)
    Label(frame3, text="10", font="Stencil 12 bold", padx=5, pady=10, bg="#b3ffe0",
fg="#e68a00").grid(row=5,
                    column=5)
    n10 = StringVar()
    h10 = StringVar()
    a10 = StringVar()
    r10 = StringVar()
    Entry(frame3, textvariable=n10, font="Calibri 11", width=11).grid(row=5,
column=6)
    Entry(frame3, textvariable=h10, font="Calibri 11", width=9).grid(row=5,
column=7)
    Entry(frame3, textvariable=a10, font="Calibri 11", width=9).grid(row=5,
column=8)
    Entry(frame3, textvariable=r10, font="Calibri 11", width=9).grid(row=5,
column=9)
    frame3.grid(ipadx=2.5)

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#-----Gui-----
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frame1= Frame(root,highlightbackground="blue", highlightthickness=2,bg="orange")
logoimg=ImageTk.PhotoImage(Image.open('D:\Software
Development\hello\sukrit_Logo.png')).resize((150,70), Image.Resampling.LANCZOS))
loglabel=Label(frame1,image=logoimg).grid(row=0,column=0)
Label(frame1,text="Servo Electric PressBrake",font="Algerian 17
bold",padx=15,pady=15, bg="orange").grid(row=0,column=1,padx=10)
frame1.grid(ipadx=50)

```

```

frame2=Frame(root,bg="blue",height=10)
# wlabel=Label(frame2,text="",bg="blue",height=10).grid(row=1)
frame2.grid(ipadx=400)

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```

frame3= Frame(root,highlightbackground="blue", highlightthickness=2,bg="orange")

```

```

#x
xxvalue= StringVar()
global xvalue
global x1value
#xlist=c.read_holding_registers(4676, 1)
x1list=k.read_floatrev(4676, 1)
#xvalue=xlist[0]
x1value=round(x1list[0], 3)
xxvalue.set(str(x1value))

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```

redimg=ImageTk.PhotoImage(Image.open('D:\Software Development\hello\redd.png'))
redlabel=Label(frame3,image=redimg,bg="orange")
redlabel.image=redimg
redlabel.grid(row=0,column=0,padx=10)
Label(frame3,text="X",font="Algerian 42 bold",padx=15,pady=15,
bg="orange",fg="red").grid(row=0,column=1,padx=10)
larimg=ImageTk.PhotoImage(Image.open('D:\Software
Development\hello\arrow1.png').resize((150,70), Image.Resampling.LANCZOS))
#larlabel=Label(frame3,image=larimg,bg="orange").grid(row=0,column=2,padx=10)
larbutton=Button(frame3,image=larimg,bg="orange",borderwidth=0,command=xsub)
larbutton.image=larimg
larbutton.grid(row=0,column=2,padx=10)
#xvalue= IntVar()
xlabel=Label(frame3,textvariable=xxvalue,font="Arial_Black 17
bold",bg="orange",borderwidth=1,
relief="solid").grid(row=0,column=3,ipadx=5,padx=10)
rarimg=ImageTk.PhotoImage(Image.open('D:\Software
Development\hello\arrow.png').resize((150,70), Image.Resampling.LANCZOS))
#rarlabel=Label(frame3,image=rarimg,bg="orange").grid(row=0,column=4,padx=10)
rarbutton=Button(frame3,image=rarimg,bg="orange",borderwidth=0,command=xadd).grid(r
ow=0,column=4,padx=10)

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#R
rrvalue= StringVar()
global rvalue
global r1value
#xlist=c.read_holding_registers(4676, 1)
r1list=k.read_floatrev(4688, 1)
#xvalue=xlist[0]
r1value=round(r1list[0], 3)
rrvalue.set(str(r1value))
blueimg=ImageTk.PhotoImage(Image.open('D:\Software Development\hello\bluee.png'))
loglabel=Label(frame3,image=blueimg,bg="orange").grid(row=1,column=0,padx=10)
Label(frame3,text="R",font="Algerian 42 bold",padx=15,pady=15,
bg="orange",fg="red").grid(row=1,column=1,padx=10)
#lar1label=Label(frame3,image=larimg,bg="orange").grid(row=1,column=2,padx=10)
lar1button=Button(frame3,image=larimg,bg="orange",borderwidth=0,command=rsub).grid(
row=1,column=2,padx=10)
rlabel=Label(frame3,textvariable=rrvalue,font="Arial_Black 17
bold",bg="orange",borderwidth=1,
relief="solid").grid(row=1,column=3,ipadx=5,padx=10)
#rar1label=Label(frame3,image=rarimg,bg="orange").grid(row=1,column=4,padx=10)
rar1button=Button(frame3,image=rarimg,bg="orange",borderwidth=0,command=radd).grid(
row=1,column=4,padx=10)

```

```

#Y
yyvalue= StringVar()
global yvalue
global y1value
#xlist=c.read_holding_registers(4676, 1)

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y1list=k.read_floatrev(4684, 1)
#xvalue=xlist[0]
y1value=round(y1list[0], 3)
yyvalue.set(str(y1value))
greenimg=ImageTk.PhotoImage(Image.open('D:\Software Development\hello\greenn.png'))
loglabel=Label(frame3,image=greenimg,bg="orange").grid(row=2,column=0,padx=10)
Label(frame3,text="Y",font="Algerian 42 bold",padx=15,pady=15,
bg="orange",fg="red").grid(row=2,column=1,padx=10)
#lar2label=Label(frame3,image=larimg,bg="orange").grid(row=2,column=2,padx=10)
lar2button=Button(frame3,image=larimg,bg="orange",borderwidth=0,command=ysub).grid(
row=2,column=2,padx=10)
ylabel=Label(frame3,textvariable=yyvalue,font="Arial_Black 17
bold",bg="orange",borderwidth=1,
relief="solid").grid(row=2,column=3,ipadx=5,padx=10)
rar2label=Label(frame3,image=rarimg,bg="orange").grid(row=2,column=4,padx=10)
rar2button=Button(frame3,image=rarimg,bg="orange",borderwidth=0,command=yadd).grid(
row=2,column=4,padx=10)
frame3.grid(ipadx=56.3)

```

```

frame4=Frame(root,bg="blue",height=10)
# wlabel=Label(frame2,text="",bg="blue",height=10).grid(row=1)
frame4.grid(ipadx=400)

```

```

frame5= Frame(root,highlightbackground="blue", highlightthickness=2,bg="orange")
settingimg=ImageTk.PhotoImage(Image.open('D:\Software
Development\hello\punchdata.png')).resize((150,80), Image.Resampling.LANCZOS))
#settinglabel=Label(frame5,image=settingimg).grid(row=0,column=0,padx=50)
settingbutton=Button(frame5,command=f1,image=settingimg,borderwidth=0).grid(row=0,c
olumn=0,padx=50)
pdimg=ImageTk.PhotoImage(Image.open('D:\Software
Development\hello\puchlist.png')).resize((150,80), Image.Resampling.LANCZOS))
#pdlabel=Label(frame5,image=pdimg).grid(row=0,column=1,padx=50,columnspan=2)
pdbutton=Button(frame5,command=f2,image=pdimg,borderwidth=0).grid(row=0,column=1,pa
dx=50,columnspan=2)
plimg=ImageTk.PhotoImage(Image.open('D:\Software
Development\hello\settings.png')).resize((150,80), Image.Resampling.LANCZOS))
#pllabeled=Label(frame5,image=plimg).grid(row=0,column=4,padx=50,columnspan=2)
plButton=Button(frame5,command=f3,image=plimg,borderwidth=0).grid(row=0,column=4,pa
dx=50,columnspan=2)
frame5.grid(ipadx=20)

```

```

root.mainloop()

```