

pythonProject1

main.py

main.py

Project

Structure

Bookmarks

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```
from tkinter import *

class Application(Frame):
    def __init__(self, master):
        super(Application, self).__init__(master)
        self.pack()
        self.createWidgets()
        self._alarm_id = None

    def createWidgets(self):
        self.someFrame = Frame(self)
        self.startButton = Button(self.someFrame, text="Start", command=self.startTime)
        self.startButton.pack(side=LEFT)

        self.stopButton = Button(self.someFrame, text="Stop", command=self.stopTime)
        self.stopButton.pack(side=LEFT)

        self.resetButton = Button(self.someFrame, text="Reset", command=self.resetTime)
        self.resetButton.pack(side=LEFT)
        self.someFrame.pack(side=TOP)

        self.labelvariable = StringVar()
        self.labelvariable.set("25:00")

        self.thelabel = Label(self, textvariable=self.labelvariable, font=('Helvetica', 50))
        self.thelabel.pack(side=TOP)

        self.firstButton = Button(self, text="pomodoro", command=self.pomodoro)
        self.firstButton.pack(side=LEFT)

        self.secondButton = Button(self, text="short break", command=self.shortBreak)
        self.secondButton.pack(side=LEFT)

        self.thirdButton = Button(self, text="long break", command=self.longBreak)
        self.thirdButton.pack(side=LEFT)

if __name__ == '__main__':
```

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Notifications

Version Control

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TODO

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Services

73:20

LF

UTF-8

4 spaces

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15self.stopButton = Button(self.someFrame, text="Stop", command=self.stopTime)

16self.stopButton.pack(side=LEFT)

17

18self.resetButton = Button(self.someFrame, text="Reset", command=self.resetTime)

19self.resetButton.pack(side=LEFT)

20self.someFrame.pack(side=TOP)

21

22self.labelvariable = StringVar()

23self.labelvariable.set("25:00")

24

25self.thelabel = Label(self,textvariable=self.labelvariable,font=('Helvetica',50))

26self.thelabel.pack(side=TOP)

27

28self.firstButton = Button(self,text="pomodoro",command=self.pomodoro)

29self.firstButton.pack(side=LEFT)

30

31self.secondButton = Button(self,text="short break",command=self.shortBreak)

32self.secondButton.pack(side=LEFT)

33

34self.thirdButton = Button(self,text="long break",command=self.longBreak)

35self.thirdButton.pack(side=LEFT)

36

37def pomodoro(self):

38 if self._alarm_id is not None:

39 self.master.after_cancel(self._alarm_id)

40 self.countdown(1500)

41

42def shortBreak(self):

43 if self._alarm_id is not None:

44 self.master.after_cancel(self._alarm_id)

45 self.countdown(300)

46

47def longBreak(self):

48 if self._alarm_id is not None:

49 self.master.after_cancel(self._alarm_id)

50 self.countdown(600)

51

if __name__ == '__main__':

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if self._alarm_id is not None:

self.master.after_cancel(self._alarm_id)

self.countdown(300)

def longBreak(self):

if self._alarm_id is not None:

self.master.after_cancel(self._alarm_id)

self.countdown(600)

def startTime(self):

pass

def stopTime(self):

pass

def resetTime(self):

pass

def countdown(self, timeInSeconds):

mins,secs = divmod(timeInSeconds, 60)

timeformat = "{0:02d}:{1:02d}".format(mins, secs)

app.labelvariable.set(timeformat)

self._alarm_id = self.master.after(1000, self.countdown, timeInSeconds-1)

if __name__ == '__main__':

root = Tk()

root.title("Timer")

app = Application(root)

root.mainloop()

if __name__ == '__main__'

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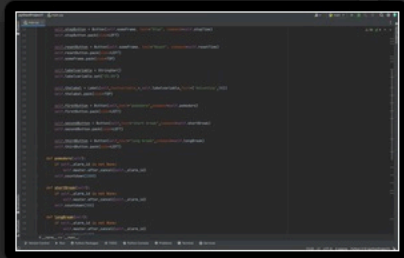
73:20

LF

UTF-8

4 spaces

Python 3.10 (pythonProject1)



Start

Stop

Reset

25:00

pomodoro

short break

long break

Start

Stop

Reset

04:55

pomodoro

short break

long break

Start

Stop

Reset

09:57

pomodoro

short break

long break