from tkinter import \*

import datetime

import sys

class Advising:

def \_\_init\_\_(self):

self.window = Tk() # Create a window

self.window.title("CS Advising") # Set a title

self.canvas=Canvas(self.window,height = 800)

self.canvas.pack(side = BOTTOM)

self.var = StringVar(self.window)

self.name=StringVar(self.window)

self.id=StringVar(self.window)

self.advisor=StringVar(self.window)

self.term1=StringVar(self.window)

self.term2=StringVar(self.window)

self.term3=StringVar(self.window)

self.term\_list=[self.term1,self.term2,self.term3]

self.course\_list=[]

self.heading()

i = 0

for i in range (3):

self.Courses(self.term\_list[i])

self.window.mainloop()

def heading(self):

Logo = PhotoImage(file = "Logo.gif")

HeadingFrame = Frame(self.window)

HeadingFrame.pack()

LogoLabel = Label(HeadingFrame, image = Logo)

LogoLabel.Logo = Logo

LogoLabel.pack(side = LEFT)

Title = Label(HeadingFrame, text = "UTRV B.S Computer Science\nClass Planning Worksheet")

Title.pack()

InfoHeading = Frame(self.window)

InfoHeading.pack(side = TOP)

NameLabel = Label(InfoHeading, text = "Name:")

NameLabel.pack(side = LEFT)

NameEntry = Entry(InfoHeading,textvariable=self.name)

NameEntry.pack(side = LEFT)

IDLabel = Label(InfoHeading, text="ID#:")

IDLabel.pack(side = LEFT)

IDEntry = Entry(InfoHeading,textvariable=self.id)

IDEntry.pack(side = LEFT)

AdvisorLabel = Label(InfoHeading,text = "Faculty Advisor:")

AdvisorLabel.pack(side = LEFT)

self.var.set(" ")

AdvisorOption = OptionMenu(InfoHeading,self.var,"Dr.Mahmoud Quweider",

"Dr.Fitratullah Khan")

AdvisorOption.pack(side =LEFT)

d = datetime.datetime.today()

DateLabel = Label(InfoHeading,text = " Date: ")

DateLabel.pack(side = LEFT)

CurrentDate\_Label = Label(InfoHeading, text = "" + str(d.day) + " /"+ str(d.month) + " /" + str(d.year))

CurrentDate\_Label.pack(side = LEFT)

SubmitBttn=Button(InfoHeading,text="Submit",command = self.submit)

SubmitBttn.pack(side =RIGHT,padx=30)

def Courses(self,terms):

SemsterFrame = Frame(self.canvas)

SemsterFrame.pack()

TermEntry = Entry(SemsterFrame,width=79,justify='center',textvariable=terms,)

TermEntry.pack(pady=5)

CourseNumLabel = Label(SemsterFrame,text = "Course Number"

,borderwidth=1,relief="solid",font=10,width=26)

CourseNumLabel.pack(side =LEFT)

CourseNameLabel = Label(SemsterFrame,text="Course Name",

borderwidth=1,relief="solid",font=10,width=26)

CourseNameLabel.pack(side = LEFT)

CreditLabel = Label(SemsterFrame,text="Credit Hours",

borderwidth=1,relief="solid",font=10,width=26)

CreditLabel.pack(side = LEFT)

CourseEntryLabels = LabelFrame(self.canvas)

CourseEntryLabels.pack()

count = 0

x = 0

while count <= 14:

for i in range(7):

CoursesEntry=Entry(CourseEntryLabels,width=47,borderwidth=2,relief="solid")

CoursesEntry.pack(side = LEFT)

self.course\_list.append(CoursesEntry)

count += 1

if count % 3 == 0:

CourseEntryLabels = LabelFrame(self.canvas)

CourseEntryLabels.pack()

def submit(self):

text\_name = list(self.name.get().split())

#self.id = list(self.id.get().split())

#self.var = list(self.var.get().split())

#print(self.var.get())

#print(self.name.get())

# print(self.id.get())

d = datetime.datetime.today()

dtext = "" + str(d.day) + " /"+ str(d.month) + " /" + str(d.year)

#print(dtext)

#for i in range (63):

# print(self.course\_list[i].get())

#for i in range (3):

#print(self.term\_list[i].get())

file=open(text\_name[1]+"\_"+text\_name[0]+".txt", "w+")

file.write("ID#: "+ self.id.get() + "\tFaculty Advisor: " + self.var.get() +

"\tDate: " + dtext +"\n\n\t\t\t"+self.term\_list[0].get()+

"\nCourse Number:\t\tCourse Name:\t\tCredit Hours:\n")

for i in range(0,20,3):

file.write(self.course\_list[i].get() + "\t\t\t"+self.course\_list[i+1].get()+

"\t"+'{:>12}'.format(self.course\_list[i+2].get())+"\n")

file.write("\n\t\t\t"+self.term\_list[1].get()+"\nCourse Number:\t\tCourse Name:\t\tCredit Hours:\n")

for i in range(21,41,3):

file.write(self.course\_list[i].get() + "\t\t\t"+self.course\_list[i+1].get()+

"\t"+'{:>12}'.format(self.course\_list[i+2].get())+"\n")

file.write("\n\t\t\t"+self.term\_list[2].get()+"\nCourse Number:\t\tCourse Name:\t\tCredit Hours:\n")

for i in range(42,62,3):

file.write(self.course\_list[i].get() + "\t\t\t"+self.course\_list[i+1].get()+

"\t"+'{:>12}'.format(self.course\_list[i+2].get())+"\n")

Advising()



