

Week 4 Set 1

In [112]:

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from tkinter import *
from tkinter import ttk

# Creating main page widget
root = Tk()
root.title('Set 1')
root.configure(background="#ffff")

Label(root, text='STUDENT REGISTRATION FORM', bg='#ffff', font='Arial 20
underline', fg='#705ccc').pack()

frame = LabelFrame(root, padx=10, pady=10)
frame.pack(padx=30, pady=30)
frame.configure(background="#705ccc", borderwidth=0)

l11 = Label(frame, text='FIRST NAME', fg='#fff', bg='#705ccc').grid(stic
ky="W", row=0, column=0)
e1 = Entry(frame, borderwidth=0).grid(sticky="W", row=0, column=1)
l12 = Label(frame, text='(max 30 characters a-z and A-Z)', fg='#fff', bg
='#705ccc').grid(sticky="W", row=0, column=2)

l21 = Label(frame, text='LAST NAME', fg='#fff', bg='#705ccc').grid(stick
y="W", row=1, column=0)
e2 = Entry(frame, borderwidth=0).grid(sticky="W", row=1, column=1)
l22 = Label(frame, text='(max 30 characters a-z and A-Z)', fg='#fff', bg
='#705ccc').grid(sticky="W", row=1, column=2)

l3 = Label(frame, text='DATE OF BIRTH', fg='#fff', bg='#705ccc').grid(st
icky="W", row=2, column=0)

DOBFrame = LabelFrame(frame, padx=5, pady=5, borderwidth=0, bg='#705ccc'
)
DOBFrame.grid(sticky="W", row=2, column=1, columnspan=2)

day = ttk.Combobox(DOBFrame, width=10)
day.insert(0, 'day')
day['values'] = ('1','2','3','4','5','6','7','8','9','10','11','12','13'
,'14','15','16','17','18','19','20','21','22','23','24','25','26','27'
,'28','29','30','31')
day.pack(padx=5, side=LEFT)

month = ttk.Combobox(DOBFrame, width=10)
month.insert(0, 'month')
month['values']=('January','February','March','April','May','June','Jul
y','August','September','October','November','December')
month.pack(padx=5, side=LEFT)

year = ttk.Combobox(DOBFrame, width=10)
year.insert(0, 'year')
year['values']=(2000,2001,2002,2003,2004,2005,2006,2007,2008,2009,2010,2
011,2012,2013,2014,2015,2016,2017,2018,2019,2020,2021)
year.pack(padx=5, side=LEFT)

l4 = Label(frame, text='EMAIL ID', fg='#fff', bg='#705ccc').grid(sticky=
"W", row=3, column=0)
e4 = Entry(frame, borderwidth=0).grid(sticky="W", row=3, column=1)

l51 = Label(frame, text='MOBILE NUMBER', fg='#fff', bg='#705ccc').grid(s
ticky="W", row=4, column=0)
e5 = Entry(frame, borderwidth=0).grid(sticky="W", row=4, column=1)
l52 = Label(frame, text='(10 digit number)', fg='#fff', bg='#705ccc').gr
id(sticky="W", row=4, column=2)

l6 = Label(frame, text='GENDER', fg='#fff', bg='#705ccc').grid(sticky=
"W", row=5, column=0)
genderFrame = LabelFrame(frame, padx=5, pady=5, borderwidth=0, bg='#705c
cc')
genderFrame.grid(sticky="W", row=5, column=1, columnspan=2)
gender = StringVar()
Radiobutton(genderFrame, text='Male', variable=gender, value='male', fg=
'#fff', bg='#705ccc').pack(padx=5, side=LEFT)
Radiobutton(genderFrame, text='Female', variable=gender, value='female',
fg='#fff', bg='#705ccc').pack(padx=5, side=LEFT)

l7 = Label(frame, text='ADDRESS', fg='#fff', bg='#705ccc').grid(sticky=
"W", row=6, column=0)
e7 = Entry(frame, borderwidth=0).grid(sticky="W", row=6, column=1)

l81 = Label(frame, text='CITY', fg='#fff', bg='#705ccc').grid(sticky="W"
, row=7, column=0)
e8 = Entry(frame, borderwidth=0).grid(sticky="W", row=7, column=1)
l82 = Label(frame, text='(max 30 characters a-z and A-Z)', fg='#fff', bg
='#705ccc').grid(sticky="W", row=7, column=2)

l91 = Label(frame, text='PIN CODE', fg='#fff', bg='#705ccc').grid(sticky
="W", row=8, column=0)
e9 = Entry(frame, borderwidth=0).grid(sticky="W", row=8, column=1)
l92 = Label(frame, text='(6 digit number)', fg='#fff', bg='#705ccc').gri
d(sticky="W", row=8, column=2)

l101 = Label(frame, text='STATE', fg='#fff', bg='#705ccc').grid(sticky=
"W", row=9, column=0)
e10 = Entry(frame, borderwidth=0).grid(sticky="W", row=9, column=1)
l102 = Label(frame, text='(max 30 characters a-z and A-Z)', fg='#fff', b
g='#705ccc').grid(sticky="W", row=9, column=2)

l11 = Label(frame, text='COUNTRY', fg='#fff', bg='#705ccc').grid(sticky=
"W", row=10, column=0)
e11 = Entry(frame, borderwidth=0).grid(sticky="W", row=10, column=1)

l12 = Label(frame, text='HOBBIES', fg='#fff', bg='#705ccc').grid(sticky=
"W", row=11, column=0)
hobby = StringVar()

hobbyFrame1 = LabelFrame(frame, padx=5, pady=5, borderwidth=0, bg='#705c
cc')
hobbyFrame1.grid(sticky="W", row=11, column=1, columnspan=3)
c1 = Checkbutton(hobbyFrame1, text='Drawing', variable=hobby, onvalue='D
rawing', offvalue='', fg='#fff', bg='#705ccc').pack(padx=5, side=LEFT)
c2 = Checkbutton(hobbyFrame1, text='Singing', variable=hobby, onvalue='S
inging', offvalue='', fg='#fff', bg='#705ccc').pack(padx=5, side=LEFT)
c3 = Checkbutton(hobbyFrame1, text='Dancing', variable=hobby, onvalue='D
ancing', offvalue='', fg='#fff', bg='#705ccc').pack(padx=5, side=LEFT)
c4 = Checkbutton(hobbyFrame1, text='Sketching', variable=hobby, onvalue=
'Sketching', offvalue='', fg='#fff', bg='#705ccc').pack(padx=5, side=LEF
T)

hobbyFrame2 = LabelFrame(frame, padx=5, pady=5, borderwidth=0, bg='#705c
cc')
hobbyFrame2.grid(sticky="W", row=12, column=1, columnspan=3)
c5 = Checkbutton(hobbyFrame2, text='Others', variable=hobby, onvalue='Ot
hers', offvalue='', fg='#fff', bg='#705ccc').pack(padx=5, side=LEFT)
e12 = Entry(hobbyFrame2, borderwidth=0).pack(padx=5, side=LEFT)

l13 = Label(frame, text='QUALIFICATION', fg='#fff', bg='#705ccc').grid(s
ticky="W", row=13, column=0)

t00 = Label(frame, text='SI.No.', fg='#fff', bg='#705ccc').grid(sticky=
"W", row=13, column=1)
t10 = Label(frame, text='1', fg='#fff', bg='#705ccc').grid(sticky="W", r
ow=14, column=1)
t20 = Label(frame, text='2', fg='#fff', bg='#705ccc').grid(sticky="W", r
ow=15, column=1)
t30 = Label(frame, text='3', fg='#fff', bg='#705ccc').grid(sticky="W", r
ow=16, column=1)
t40 = Label(frame, text='4', fg='#fff', bg='#705ccc').grid(sticky="W", r
ow=17, column=1)

t01 = Label(frame, text='Examination', fg='#fff', bg='#705ccc').grid(sti
cky="W", row=13, column=2)
t11 = Label(frame, text='Class X', fg='#fff', bg='#705ccc').grid(sticky=
"W", row=14, column=2)
t21 = Label(frame, text='Class XII', fg='#fff', bg='#705ccc').grid(stick
y="W", row=15, column=2)
t31 = Label(frame, text='Graduation', fg='#fff', bg='#705ccc').grid(stic
ky="W", row=16, column=2)
t41 = Label(frame, text='Masters', fg='#fff', bg='#705ccc').grid(sticky=
"W", row=17, column=2)

t02 = Label(frame, text='Board', fg='#fff', bg='#705ccc').grid(sticky=
"W", row=13, column=3)
t12 = Entry(frame, borderwidth=0).grid(sticky="W", row=14, column=3)
t22 = Entry(frame, borderwidth=0).grid(sticky="W", row=15, column=3)
t32 = Entry(frame, borderwidth=0).grid(sticky="W", row=16, column=3)
t42 = Entry(frame, borderwidth=0).grid(sticky="W", row=17, column=3)
t52 = Label(frame, text='(10 char max)', fg='#fff', bg='#705ccc').grid(s
ticky="W", row=18, column=3)

t04 = Label(frame, text=' ', fg='#fff', bg='#705ccc').grid(sticky="W",
row=13, column=4)

t03 = Label(frame, text='Percentage', fg='#fff', bg='#705ccc').grid(stic
ky="W", row=13, column=5)
t13 = Entry(frame, borderwidth=0).grid(sticky="W", row=14, column=5)
t23 = Entry(frame, borderwidth=0).grid(sticky="W", row=15, column=5)
t33 = Entry(frame, borderwidth=0).grid(sticky="W", row=16, column=5)
t43 = Entry(frame, borderwidth=0).grid(sticky="W", row=17, column=5)
t53 = Label(frame, text='(upto 2 decimal)', fg='#fff', bg='#705ccc').gri
d(sticky="W", row=18, column=5)

t04 = Label(frame, text=' ', fg='#fff', bg='#705ccc').grid(sticky="W",
row=13, column=6)

t05 = Label(frame, text='Year of Passing', fg='#fff', bg='#705ccc').grid
(sticky="W", row=13, column=7)
t15 = Entry(frame, borderwidth=0).grid(sticky="W", row=14, column=7)
t25 = Entry(frame, borderwidth=0).grid(sticky="W", row=15, column=7)
t35 = Entry(frame, borderwidth=0).grid(sticky="W", row=16, column=7)
t45 = Entry(frame, borderwidth=0).grid(sticky="W", row=17, column=7)

l13 = Label(frame, text='COURSES APPLIED FOR', fg='#fff', bg='#705ccc').
grid(sticky="W", row=19, column=0)

coursesFrame = LabelFrame(frame, padx=5, pady=5, borderwidth=0, bg='#705
ccc')
coursesFrame.grid(sticky="W", row=19, column=1, columnspan=2)

courses = StringVar()
Radiobutton(coursesFrame, text='BCA', variable=courses, value='BCA', fg=
'#fff', bg='#705ccc').pack(padx=5, side=LEFT)
Radiobutton(coursesFrame, text='B.Com', variable=courses, value='B.Com',
fg='#fff', bg='#705ccc').pack(padx=5, side=LEFT)
Radiobutton(coursesFrame, text='B.Sc', variable=courses, value='B.Sc', f
g='#fff', bg='#705ccc').pack(padx=5, side=LEFT)
Radiobutton(coursesFrame, text='B.A', variable=courses, value='B.A', fg=
'#fff', bg='#705ccc').pack(padx=5, side=LEFT)

Label(frame, text=' ', fg='#fff', bg='#705ccc').grid(sticky="W", row=2
0, column=0)

btnSubmit = Button(frame, text='Submit', padx=40, pady=5, fg='#705ccc',
bg='#fff').grid(sticky="W", row=21, column=2)
btnReset = Button(frame, text='Reset', padx=40, pady=5, fg='#705ccc', bg
='#fff').grid(sticky="W", row=21, column=3)
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# Diaplay the GUI
root.mainloop()
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